Step 1: Have HDR capable monitor

Step 2: Make sure HDR is enabled on your monitor. You can google your model + settings and usually find a forum post with the best settings for your monitor.



Step 3: Enable HDR in windows

Step 4: Calibrate HDR for your display. Use this app from the Microsoft store to calibrate Windows HDR so it doesn't look like shite: https://www.microsoft.com/store/productId/9N7F2SM5D1LR?ocid=pdpshare

From here on are Nvidia specific instructions for folks with 3000 series or later cards Step 5: Download Nvidia App beta: <u>Download NVIDIA App for Gamers and Creators | NVIDIA</u>

Step 6: Uninstall Geforce Experience



Step 7: Install Nvidia app beta

Step 8: Go to Global Settings and enable RTX HDR

NVIDIA			
↑ Home	Graphics		
	Program Settings Global Settings		
± 1000	Driver Settings		
Graphics	RTX Dynamic Vibrance	Off	
Redeem	RTX HDR	On	
\$	CUDA - GPUs	NVIDIA GeForce RTX 4080	Ľ
occuriga	Image Sharpening	Off	Ľ
	Low Latency Mode	Off	
다 Graphics Redeem Settings	Driver Settings RTX Dynamic Vibrance RTX HDR CUDA - GPUs Image Sharpening Low Latency Mode	Off On NVIDIA GeForce RTX 4080 Off	• • ৫ •

Step 9: Just to be sure, open up Nvidia Control Panel (should be installed automatically if you have Nvidia card, but if not you can download here

https://www.microsoft.com/store/productId/9NF8H0H7WMLT?ocid=pdpshare)and make sure

your monitor is set to the highest refresh rate possible and is set to use Nvidia color settings as seen here:



Step 10: Also on Nvidia control panel, enable these video image settings to improve video content streamed in your browser. This will upscale SDR content to HDR and also use Al filtering to upscale low resolution content to look more clear.

Select a Task	Adjust Video Imago Sottings			
⊟-3D Settings	Aujust video iniage settings			
- Manage 3D settings - Configure Surround, PhysX	Your graphics card features PureVideo(TM) technology, a combination of a dedicated video processing core and software that delivers ultra-smo video playback. For best results, play a video while you make adjustments to the settings.			
Change resolution				
Adjust desktop color settings	1. Select the display you would like to change			
Kotate display View HDCP status	S.			
Set up digital audio				
	Dell AW3225QF			
-Set up multiple displays	(a sine comp			
i − Video				
Adjust video color settings	2. Apply these settings to my video content:			
	Edge enhancement Deinterlacing			
	O Use the video player setting Use inverse telecine			
	RTX video enhancement			
	Super resolution			
	Noise reduction Status: Induive			
	Use the video player setting			
	- + 0%			
	High Dynamic Range			
	Status: Inactive			
	Description: Increases video enhancement quality. Higher quality levels use mor GPU resources. Typical usage scenarios: Reduce quality if additional GPU performance is needed.			

Step 11: Profit! You are now gaming in HDR and SDR content shouldn't look like old dog turds.

Updated Side Note:

Reddit user cluelessguy5 has mentioned another Windows setting regarding video playback as seen here, but your mileage may vary! Please read the text below the screenshot!



The documentation for this option is not very thorough, but it is clear that this only affects default Windows Apps such as Movies and TV, Microsoft Edge, etc. I cannot even say for sure that this option needs to be enabled for the Nvidia enhancements to work in these Microsoft apps. You can maximize the video on this page and toggle the option as it's playing back. For me, with all of the other Nvidia enhancements turned on, I don't see any difference when toggling the sample video. I will personally leave this turned off as I don't use Microsoft apps and there is no clear documentation on how or if this interacts with the Nvidia enhancements. I will update this further if I come across any information that makes this more clear. If you personally see a difference on the sample when toggling, then feel free to use it, but don't test until you've finished the whole guide.