

Converting Colors

Hex(270391)

Have a look what the booklet for
Hex(270391) contains.

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Color

Hex(270391)

Conversions

Conversions Part 1

Format	Color
Hex	270391
RGB	39, 3, 145
RGB Percent	15%, 1%, 57%
CMY	0.8471, 0.9882, 0.4314
CMYK	0.73, 0.98, 0.00, 0.43
HSL	255°, 96%, 29%
HSV	255°, 98%, 57%
XYZ	5.9801, 2.5408, 26.9633
YIQ	29.9520, -24.1260, 51.7940

Conversions

Conversions Part 2

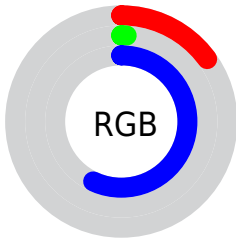
Format	Color
R_{YB}	39, 3, 145
Decimal	2556817
CIE _{Lab}	18.10, 51.87, -66.80
CIE _{LCh}	18, 84.574, 307.833
Yxy	2.5408, 0.1685, 0.0716
Android (android.graphics.Color)	4280746897 (0xFF270391)
YUV	29.9520, 56.7187, 7.9351
Hunter-Lab	15.9399, 39.0724, -89.1349

Details

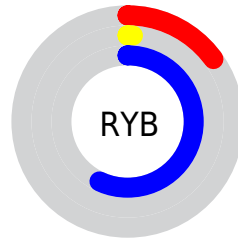
The Hex color **270391** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6D9103**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **673AC8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **250091**, and if you desaturate by 10%, it is **321191**.

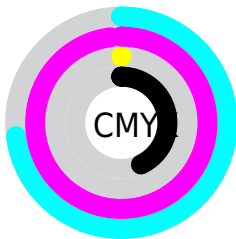
Distribution



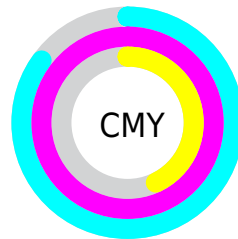
- Red (15%)
- Green (1%)
- Blue (57%)



- Red (15%)
- Yellow (1%)
- Blue (57%)



- Cyan (73%)
- Magenta (98%)
- Yellow (0%)
- Black (43%)



- Cyan (85%)
- Magenta (99%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 270391 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 270391 by changing the saturation by 10% instead.

 270391

 270391

 FFF7FF

 000076

 673AC8

 00005D

 8554E5

 000744

 A26DFF

 00032D

 BF88FF

 000117

 DDA3FF

 000000

 FBBEFF

 FFDAFF

 270391

 270391

■ 250091

■ 321191

■ 3D2091

■ 472E91

■ 523D91

■ 5D4B91

■ 685A91

■ 736891

■ 7E7791

■ 888591

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0034AC



270391



79005C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



270391



5A1100



003F3C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



270391



6D9103

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003E00



270391



293000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



270391



7C0000



003900



004179

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



270391



890034



003900



003E26

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



270391



9486BD



036E91



463D5E



DEDEDE



5E5E5E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



270391



3000BD



6E0391



424047



220087



020008

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



91036D



BD008D



269103



474046



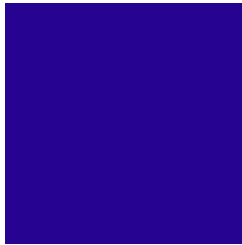
870065



080006

Previews

White Background



This preview shows how the Hex color 270391 looks on a white background.

Color Contrast Check

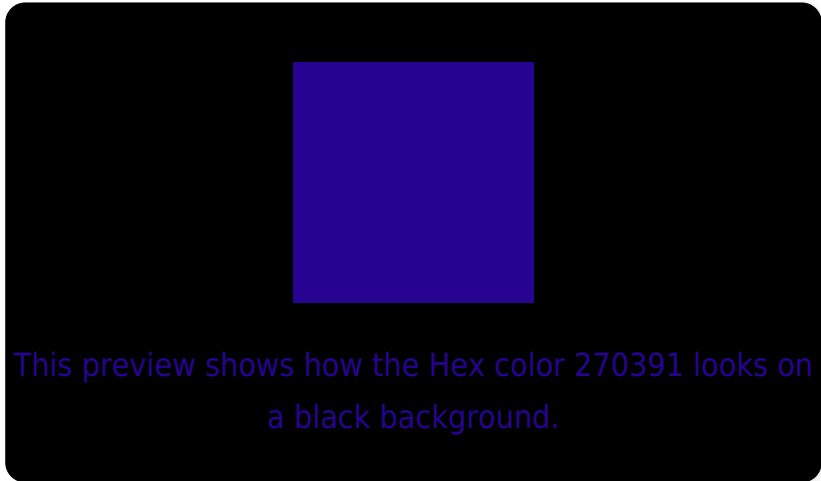
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

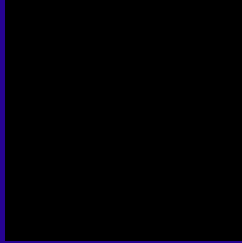
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 270391 Background



This preview shows how black text looks on a background with the Hex color 270391.



This preview shows how white text looks on a background with the Hex color 270391.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
270391

Protanopia
002E60

Deuteranopia
003151

Trichromacy



Original Color
270391

Protanomaly
0E1E72

Deuteranomaly
0E2068

Tritanomaly
0E2258

Monochromacy



Original Color
270391

Achromatopsia
1E1E1E

Achromatomaly
211448

CSS Examples

Text

The CSS property to change the color of the text to Hex 270391 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #270391 looks like.

```
.text, #text, p{  
    color:#270391  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #270391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270391
}
```

Border

The CSS property to change the border of an element to Hex 270391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

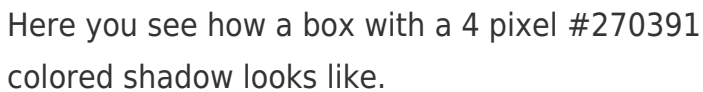
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#270391 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#270391 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #270391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270391; -webkit-box-shadow:4px 4px  
4px 4px #270391; box-shadow:4px 4px 4px  
4px #270391 }
```

Background

The CSS property to change the background color of an element to Hex 270391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270391 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#270391 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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