

Converting Colors

Hex(270BBD)

Have a look what the booklet for
Hex(270BBD) contains.

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Color

Hex(270BBD)

Conversions

Conversions Part 1

Format	Color
Hex	270BBD
RGB	39, 11, 189
RGB Percent	15%, 4%, 74%
CMY	0.8471, 0.9569, 0.2588
CMYK	0.79, 0.94, 0.00, 0.26
HSL	249°, 89%, 39%
HSV	249°, 94%, 74%
XYZ	10.1417, 4.3448, 48.4482
YIQ	39.6640, -40.4500, 61.2940

Conversions

Conversions Part 2

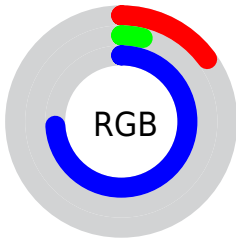
Format	Color
R_{YB}	39, 11, 189
Decimal	2558909
CIE _{Lab}	24.78, 61.38, -82.38
CIE _{LCh}	25, 102.728, 306.689
Yxy	4.3448, 0.1611, 0.0690
Android (android.graphics.Color)	4280748989 (0xFF270BBD)
YUV	39.6640, 73.6226, -0.5823
Hunter-Lab	20.8442, 50.3713, -123.2170

Details

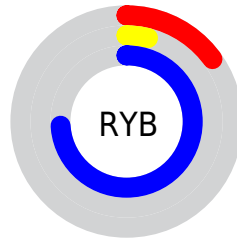
The Hex color **270BBD** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **A1BD0B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7244F7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **1E00BD**, and if you desaturate by 10%, it is **371EBD**.

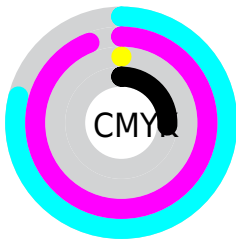
Distribution



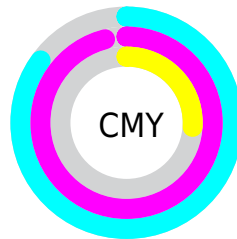
- Red (15%)
- Green (4%)
- Blue (74%)



- Red (15%)
- Yellow (4%)
- Blue (74%)



- Cyan (79%)
- Magenta (94%)
- Yellow (0%)
- Black (26%)



- Cyan (85%)
- Magenta (96%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 270BBD 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 270BBD by changing the saturation by 10% instead.

■ 270BBD

■ 270BBD

FFFFFF

■ 0000A1

■ 7244F7

■ 000086

■ 915EFF

■ 00006C

■ B078FF

■ 000B52

■ CF93FF

■ 00053A

■ EEAFFF

■ 000223

■ FFCBFF

■ 00000B

■ FFE8FF

■ 000000

■ 270BBD

■ 270BBD

■ 1E00BD

■ 371EBD

■ 4731BD

■ 5744BD

■ 6757BD

■ 776ABD

■ 877CBD

■ 968FBD

■ A6A2BD

■ B6B5BD

Harmonies

Analogous

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



0046DE



270BBD



9B007A

Triad

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



270BBB



771400



00524C

Complementary

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



270BBB



A1BD0B

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.



004F00



270BBD



393F00

Square

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



270BBD



A10000



004B00



005499

Rectangle

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



270BBD



B00048



004B00



005130

Sweetspot

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



270BBD



BBB0F5



0BA2BD



57517A



FAFAFA



7A7A7A

Same Dimension

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



270BBD



2700F5



7F0BBD



56555E



19009E



05001F

Inverse Universe

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



BD0BA1



F500CE



49BD0B



5E555D



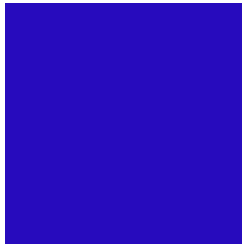
9E0085



1F001A

Previews

White Background



This preview shows how the Hex color 270BBD looks on a white background.

Color Contrast Check

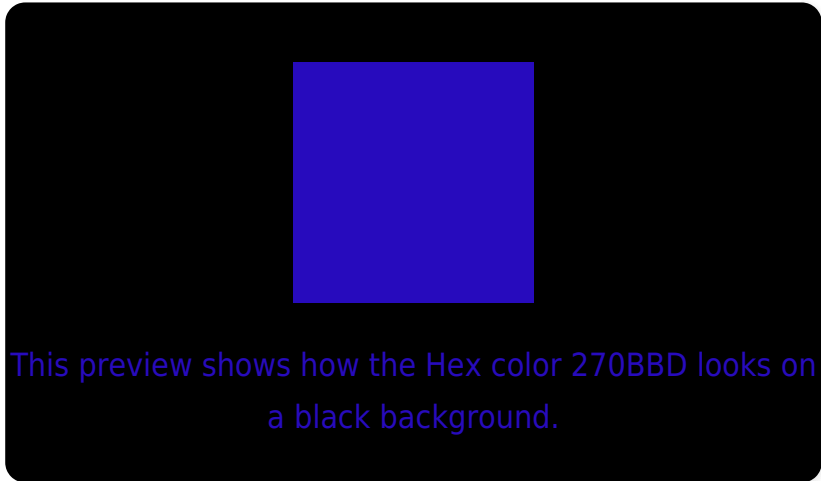
Large Text (above 18pt) WCAG AA ✓ Pass

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

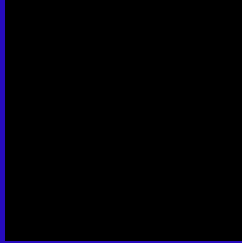
Any Text WCAG AA × Fail

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 270BBD Background



This preview shows how black text looks on a background with the Hex color 270BBD.



This preview shows how white text looks on a background with the Hex color 270BBD.

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
270BBB

Protanopia
003A7A

Deuteranopia
003E67

Trichromacy



Original Color
270BBD

Protanomaly
0E2992

Deuteranomaly
0E2B86

Tritanomaly
0E2F71

Monochromacy



Original Color
270BBD

Achromatopsia
282828

Achromatomaly
281D5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 270BBD 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 #270BBD looks like.

```
.text, #text, p{  
    color:#270BBD  
}
```

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 #270BBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #270BBD
}
```

Border

The CSS property to change the border of an element to Hex 270BBD is called "border". The border property can be set on classes, ids or directly on the HTML element.

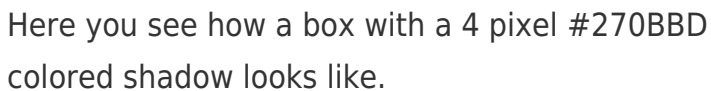
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#270BBD }
```

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

```
.border{ border-color:#270BBD }
```

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



Here you see how a box with a 4 pixel #270BBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #270BBD; -webkit-box-shadow:4px 4px  
4px 4px #270BBD; box-shadow:4px 4px 4px  
4px #270BBD }
```

Background

The CSS property to change the background color of an element to Hex 270BBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#270BBD }
```

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

```
.background{ background-color:#270BBD }
```

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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