

Converting Colors

Hex(291CB6)

Have a look what the booklet for
Hex(291CB6) contains.

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Color

Hex(291CB6)

Conversions

Conversions Part 1

Format	Color
Hex	291CB6
RGB	41, 28, 182
RGB Percent	16%, 11%, 71%
CMY	0.8392, 0.8902, 0.2863
CMYK	0.77, 0.85, 0.00, 0.29
HSL	245°, 73%, 41%
HSV	245°, 85%, 71%
XYZ	9.7732, 4.6793, 44.6441
YIQ	49.4430, -41.6860, 50.6500

Conversions

Conversions Part 2

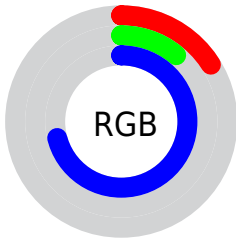
Format	Color
R_{YB}	41, 28, 182
Decimal	2694326
CIE _{Lab}	25.80, 54.07, -76.51
CIE _{LCh}	26, 93.687, 305.248
Yxy	4.6793, 0.1654, 0.0792
Android (android.graphics.Color)	4280884406 (0xFF291CB6)
YUV	49.4430, 65.3506, -7.4045
Hunter-Lab	21.6317, 42.7906, -107.2218

Details

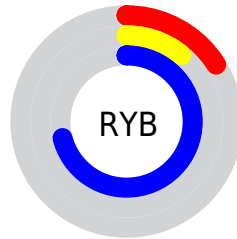
The Hex color **291CB6** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **A9B61C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **704EEF**, and **00007F** is the 20% darker color. If you saturate the color by 10%, you get **180AB6**, and if you desaturate by 10%, it is **3A2EB6**.

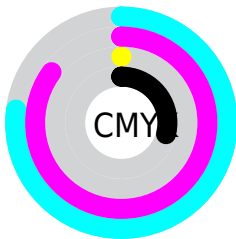
Distribution



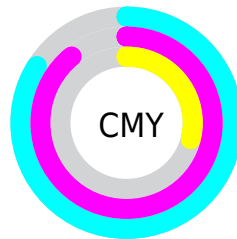
- Red (16%)
- Green (11%)
- Blue (71%)



- Red (16%)
- Yellow (11%)
- Blue (71%)



- Cyan (77%)
- Magenta (85%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (89%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 291CB6 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 291CB6 by changing the saturation by 10% instead.

 291CB6

 291CB6

FFFFFF

 00009A

 704EEF

 00007F

 8F67FF

 000065

 AD81FF

 00094C

 CC9CFF

 000534

 EAB7FF

 00021E

 FFD4FF

 000001

 FFF0FF

 000000

 291CB6

 291CB6

■ 180AB6

■ 3A2EB6

■ 0F00B6

■ 4A40B6

■ 5B53B6

■ 6C65B6

■ 7C77B6

■ 8D89B6

■ 9E9BB6

■ AEAEB6

■ BFC0B6

Harmonies

Analogous

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



0047D2



291CB6



94007B

Triad

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



291CB6



781900



005349

Complementary

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



291CB6



A9B61C

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.



005100



291CB6



414000

Square

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



291CB6



9F0000



004C00



005590

Rectangle

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



291CB6



A9004C



004C00



00522F

Sweetspot

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



291CB6



B7B2ED



1CA9B6



575478



F7F7F7



787878

Same Dimension

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



291CB6



1400ED



761CB6



53535C



0D009C



02001C

Inverse Universe

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



B61CA9



ED00D9



5CB61C



5C535B



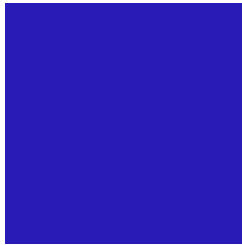
9C008E



1C001A

Previews

White Background



This preview shows how the Hex color 291CB6 looks on a white background.

Color Contrast Check

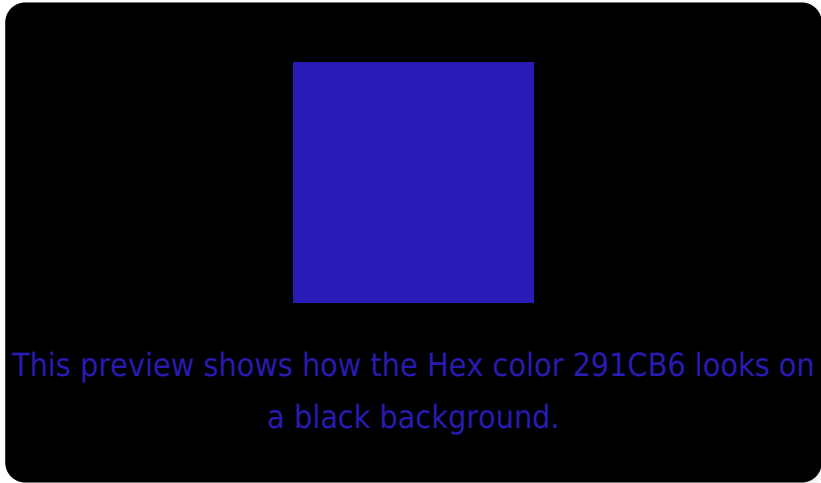
Large Text (above 18pt) WCAG AA ✓ Pass

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

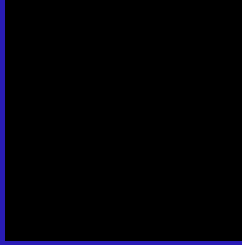
Any Text WCAG AA × Fail

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 291CB6 Background



This preview shows how black text looks on a background with the Hex color 291CB6.



This preview shows how white text looks on a background with the Hex color 291CB6.

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
291CB6

Protanopia
003B7D

Deuteranopia
003F6A



Tritanopia
004448

Trichromacy



Original Color
291CB6

Protanomaly
0F3092

Deuteranomaly
0F3286

Tritanomaly
0F3570

Monochromacy



Original Color
291CB6

Achromatopsia
313131

Achromatomaly
2E2961

CSS Examples

Text

The CSS property to change the color of the text to Hex 291CB6 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 #291CB6 looks like.

```
.text, #text, p{  
    color:#291CB6  
}
```

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 #291CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #291CB6
}
```

Border

The CSS property to change the border of an element to Hex 291CB6 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
#291CB6 }
```

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

```
.border{ border-color:#291CB6 }
```

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

Here you see how a box with a 4 pixel #291CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #291CB6; -webkit-box-shadow:4px 4px  
4px 4px #291CB6; box-shadow:4px 4px 4px  
4px #291CB6 }
```

Background

The CSS property to change the background color of an element to Hex 291CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#291CB6 }
```

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

```
.background{ background-color:#291CB6 }
```

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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