

Converting Colors

Hex(2C21CA)

Have a look what the booklet for
Hex(2C21CA) contains.

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Color

Hex(2C21CA)

Conversions

Conversions Part 1

Format	Color
Hex	2C21CA
RGB	44, 33, 202
RGB Percent	17%, 13%, 79%
CMY	0.8275, 0.8706, 0.2078
CMYK	0.78, 0.84, 0.00, 0.21
HSL	244°, 72%, 46%
HSV	244°, 84%, 79%
XYZ	12.2432, 5.8875, 56.3682
YIQ	55.5550, -47.6930, 54.8910

Conversions

Conversions Part 2

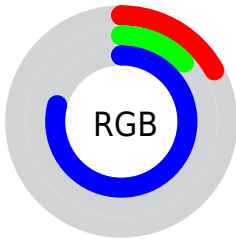
Format	Color
R_{YB}	44, 33, 202
Decimal	2892234
CIE _{Lab}	29.13, 58.00, -82.79
CIE _{LCh}	29, 101.085, 305.017
Yxy	5.8875, 0.1643, 0.0790
Android (android.graphics.Color)	4281082314 (0xFF2C21CA)
YUV	55.5550, 72.1974, -10.1337
Hunter-Lab	24.2641, 47.6059, -120.7526




Details

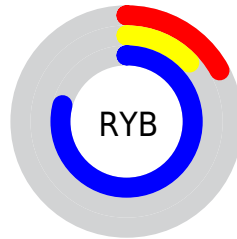
The Hex color **2C21CA** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **BFCA21**, and the grayscale version is **373737**.




A 20% lighter version of the original color is **7654FF**, and **000092** is the 20% darker color. If you saturate the color by 10%, you get **190DCA**, and if you desaturate by 10%, it is **3F35CA**.

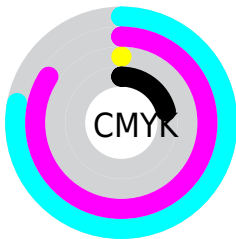
Distribution







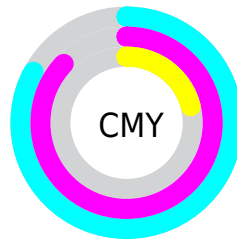
-  Red (17%)
-  Green (13%)
-  Blue (79%)






-  Red (17%)
-  Yellow (13%)
-  Blue (79%)



-  Cyan (78%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (83%)
-  Magenta (87%)
-  Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C21CA 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 2C21CA by changing the saturation by 10% instead.

 2C21CA

 2C21CA


FFFFFF

 0004AE


 7654FF

 000092

 966DFF

 000078

 B588FF

 00065E

 D4A3FF

 000845

 F3BEFF

 00032E

 FFDBFF

 000118

 FFF7FF

 000000

 2C21CA

 2C21CA

■ 190DCA

■ 3F35CA

■ 0D00CA

■ 5249CA

■ 655ECA

■ 7872CA

■ 8A86CA

■ 9D9ACA

■ B0AECA

■ C3C3CA

■ D6D7CA

Harmonies

Analogous

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



0050E8



2C21CA



A30089

Triad

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



2C21CA



861D00



005C51

Complementary

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



2C21CA



BFCA21

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.



005A00



2C21CA



494700

Square

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



2C21CA



B00000



005500



005F9F

Rectangle

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



2C21CA



BB0056



005500



005C35

Sweetspot

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



2C21CA



C3BFFF



21C2CA



5C5980



000000



808080

Same Dimension

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



2C21CA



1100FF



7E21CA



5C5C66



0B00A6



020026

Inverse Universe

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



CA21BF



FF00EE



6DCA21



665C65



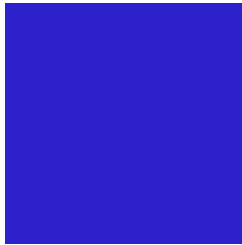
A6009B



260024

Previews

White Background



This preview shows how the Hex color 2C21CA 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

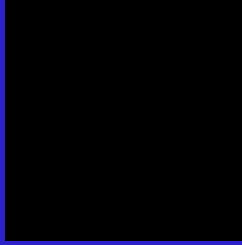
Any Text WCAG AA × Fail

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 2C21CA Background



This preview shows how black text looks on a background with the Hex color 2C21CA.



This preview shows how white text looks on a background with the Hex color 2C21CA.

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
2C21CA

Protanopia
00428B

Deuteranopia
004776

Trichromacy



Original Color
2C21CA

Protanomaly
1036A2

Deuteranomaly
103995

Tritanomaly
103C7C

Monochromacy



Original Color
2C21CA

Achromatopsia
383838

Achromatomaly
34306D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C21CA 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 #2C21CA looks like.

```
.text, #text, p{  
    color:#2C21CA  
}
```

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 #2C21CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C21CA
}
```

Border

The CSS property to change the border of an element to Hex 2C21CA 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
#2C21CA }
```

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

```
.border{ border-color:#2C21CA }
```

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

Here you see how a box with a 4 pixel #2C21CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C21CA; -webkit-box-shadow:4px 4px  
4px 4px #2C21CA; box-shadow:4px 4px 4px  
4px #2C21CA }
```

Background

The CSS property to change the background color of an element to Hex 2C21CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C21CA }
```

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

```
.background{ background-color:#2C21CA }
```

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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