

# Converting Colors

Hex(2C2BC1)

Have a look what the booklet for  
Hex(2C2BC1) contains.

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# Color

**Hex(2C2BC1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C2BC1
RGB	44, 43, 193
RGB Percent	17%, 17%, 76%
CMY	0.8275, 0.8314, 0.2431
CMYK	0.77, 0.78, 0.00, 0.24
HSL	240°, 64%, 46%
HSV	240°, 78%, 76%
XYZ	11.5282, 6.1135, 51.0245
YIQ	60.3990, -47.5540, 46.8620

# Conversions

## Conversions Part 2

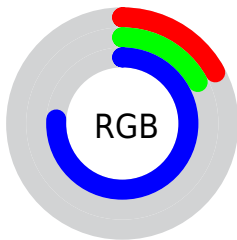
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 43, 193
Decimal	2894785
CIE <sub>Lab</sub>	29.70, 50.53, -76.56
CIE <sub>LCh</sub>	30, 91.732, 303.426
Yxy	6.1135, 0.1679, 0.0890
Android (android.graphics.Color)	4281084865 (0xFF2C2BC1)
YUV	60.3990, 65.3723, -14.3819
Hunter-Lab	24.7255, 39.9559, -105.0455

# Details

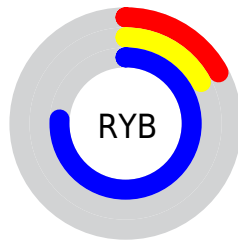
The Hex color **2C2BC1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C0C12B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **735BFB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **1918C1**, and if you desaturate by 10%, it is **3F3EC1**.

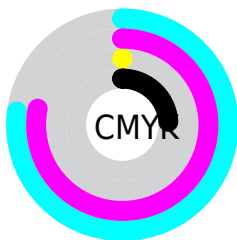
# Distribution



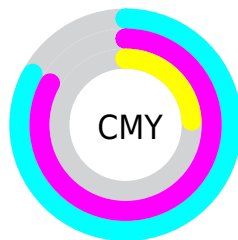
- Red (17%)
- Green (17%)
- Blue (76%)



- Red (17%)
- Yellow (17%)
- Blue (76%)



- Cyan (77%)
- Magenta (78%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (83%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C2BC1 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 2C2BC1 by changing the saturation by 10% instead.



■ 2C2BC1

■ 2C2BC1

FFFFFF

■ 0013A5

■ 735BFB

■ 00008A

■ 9275FF

■ 000070

■ B18FFF

■ 000756

■ CFAAFF

■ 00063E

■ EEC6FF

■ 000327

■ FFE2FF

■ 000110

■ 000000

■ 2C2BC1

■ 2C2BC1

■ 1918C1

■ 3F3EC1

■ 0604C1

■ 5252C1

■ 0100C1

■ 6665C1

■ 7978C1

■ 8C8CC1

■ 9F9FC1

■ B2B2C1

■ C5C5C1

■ D9D9C1

# Harmonies

## Analogous

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



0051DA



2C2BC1



9A0087

# Triad

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



2C2BC1



862100



005D4D

# Complementary

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



2C2BC1



C0C12B

# 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.



005B00



2C2BC1



4F4700

# Square

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



2C2BC1



AC0000



005500



005F95

# Rectangle

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



2C2BC1



B20059



005500



005C34



# Sweetspot

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



2C2BC1



C1C0FA



2BC1C1



5A5A7D



FCFCFC



7D7D7D



# Same Dimension

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



2C2BC1



1311FA



762BC1



575761



0100A1



000021



# Inverse Universe

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



C12BC0



FA11F8



76C12B



615761



A100A0

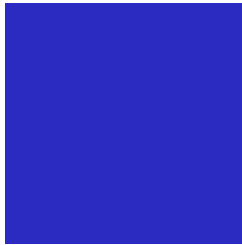


210021



# Previews

## White Background



This preview shows how the Hex color 2C2BC1 looks on a white background.

## Color Contrast Check

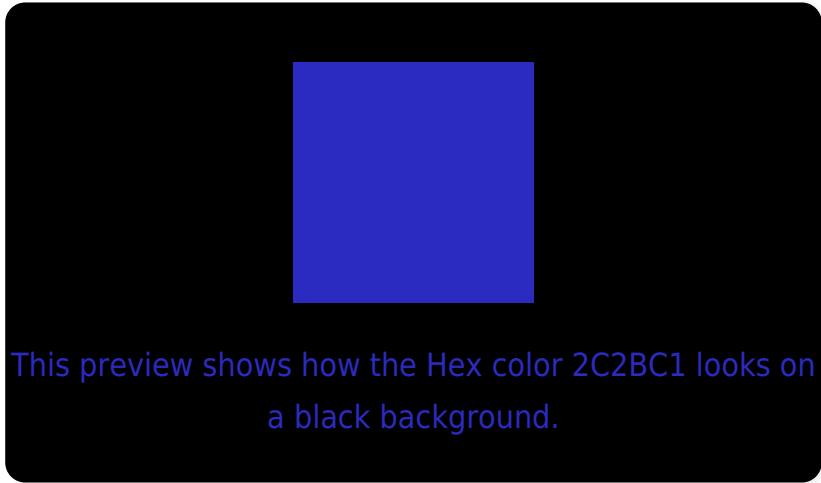
Large Text (above 18pt) WCAG AA ✓ Pass

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

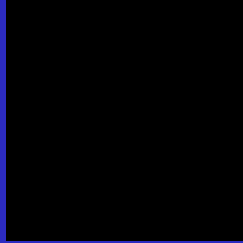
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C2BC1 Background



This preview shows how black text looks on a background with the Hex color 2C2BC1.



This preview shows how white text looks on a background with the Hex color 2C2BC1.

# 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**  
2C2BC1

**Protanopia**  
00438E

**Deuteranopia**  
004879



**Tritanopia**  
004E52

# Trichromacy



**Original Color**  
2C2BC1

**Protanomaly**  
103AA1

**Deuteranomaly**  
103D93

**Tritanomaly**  
10417A

# Monochromacy



**Original Color**  
2C2BC1

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
36366C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C2BC1 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 #2C2BC1 looks like.

```
.text, #text, p{  
    color:#2C2BC1  
}
```

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 #2C2BC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2BC1
}
```

## Border

The CSS property to change the border of an element to Hex 2C2BC1 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
#2C2BC1 }
```

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

```
.border{ border-color:#2C2BC1 }
```

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

Here you see how a box with a 4 pixel #2C2BC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2BC1; -webkit-box-shadow:4px 4px  
4px 4px #2C2BC1; box-shadow:4px 4px 4px  
4px #2C2BC1 }
```

# Background

The CSS property to change the background color of an element to Hex 2C2BC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2BC1 }
```

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

```
.background{ background-color:#2C2BC1 }
```

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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