

# Converting Colors

Hex(292BCC)

Have a look what the booklet for  
Hex(292BCC) contains.

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# Color

Hex(292BCC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	292BCC
RGB	41, 43, 204
RGB Percent	16%, 17%, 80%
CMY	0.8392, 0.8314, 0.2000
CMYK	0.80, 0.79, 0.00, 0.20
HSL	239°, 67%, 48%
HSV	239°, 80%, 80%
XYZ	12.6774, 6.5588, 57.7245
YIQ	60.7560, -52.8730, 49.6470

# Conversions

## Conversions Part 2

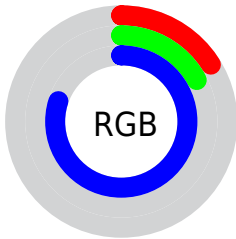
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 43, 204
Decimal	2698188
CIE <sub>Lab</sub>	30.78, 53.83, -81.21
CIE <sub>LCh</sub>	31, 97.431, 303.535
Yxy	6.5588, 0.1647, 0.0852
Android (android.graphics.Color)	4280888268 (0xFF292BCC)
YUV	60.7560, 70.6193, -17.3260
Hunter-Lab	25.6102, 43.5424, -115.7108

# Details

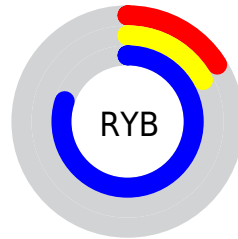
The Hex color **292BCC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CCCA29**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **745CFF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **1517CC**, and if you desaturate by 10%, it is **3D3FCC**.

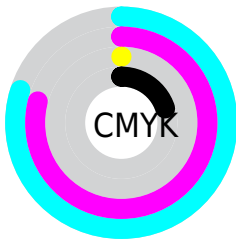
# Distribution



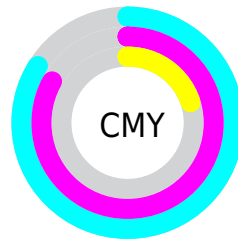
- Red (16%)
- Green (17%)
- Blue (80%)



- Red (16%)
- Yellow (17%)
- Blue (80%)



- Cyan (80%)
- Magenta (79%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (83%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 292BCC 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 292BCC by changing the saturation by 10% instead.



 292BCC

 292BCC

FFFFFF

 0013B0

 745CFF

 000094

 9475FF

 00007A

 B390FF

 00045F

 D2ABFF

 000847

 F1C6FF

 00042F

 FFE3FF

 00011A

 000000

 292BCC

 292BCC

■ 1517CC

■ 3D3FCC

■ 0003CC

■ 5253CC

■ 6667CC

■ 7B7CCC

■ 8F90CC

■ A3A4CC

■ B8B8CC

■ CCCCCC

■ E1E0CC

# Harmonies

## Analogous

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



0054E7



292BCC



A2008E

# Triad

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



292BCC



8C2000



006150

# Complementary

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



292BCC



CCA29

# 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.



005E00



292BCC



524A00

# Square

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



292BCC



B40000



005900



00639D

# Rectangle

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



292BCC



BC005D



005900



006035



# Sweetspot

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



292BCC



C2C3FF



29CCC9



5B5B80



000000



808080



# Same Dimension

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



292BCC



0A0DFF



7829CC



5C5C66



0002A6



000026



# Inverse Universe

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



CC292B



FF0A0D



7DCC29



665C5C



A60002

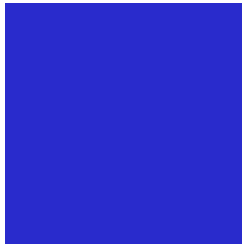


260000



# Previews

## White Background



This preview shows how the Hex color 292BCC looks on a white background.

## Color Contrast Check

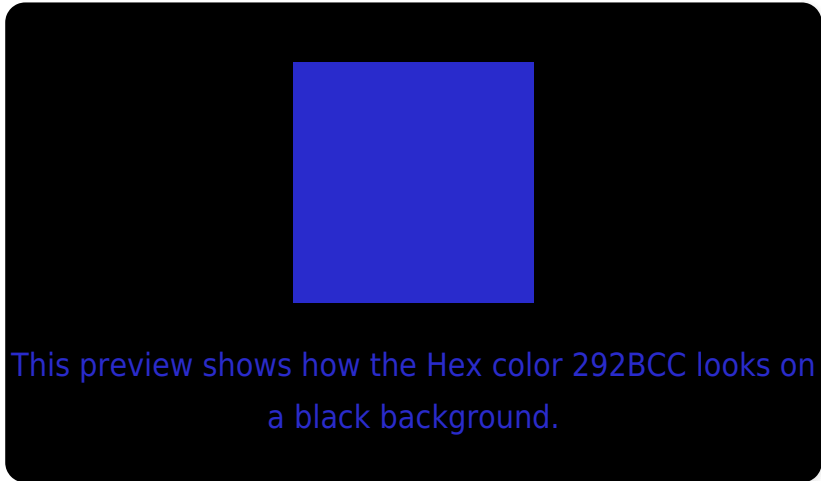
Large Text (above 18pt) WCAG AA ✓ Pass

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

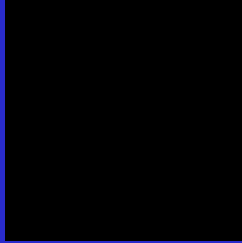
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 292BCC Background



This preview shows how black text looks on a background with the Hex color 292BCC.



This preview shows how white text looks on a background with the Hex color 292BCC.

# 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**  
292BCC

**Protanopia**  
004692

**Deuteranopia**  
004A7C



# Trichromacy



**Original Color**  
292BCC

**Protanomaly**  
0F3CA7

**Deuteranomaly**  
0F3F99

**Tritanomaly**  
0F4380

# Monochromacy



**Original Color**  
292BCC

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
363671

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 292BCC 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 #292BCC looks like.

```
.text, #text, p{  
    color:#292BCC  
}
```

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 #292BCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #292BCC
}
```

## Border

The CSS property to change the border of an element to Hex 292BCC 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
#292BCC }
```

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

```
.border{ border-color:#292BCC }
```

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

Here you see how a box with a 4 pixel #292BCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #292BCC; -webkit-box-shadow:4px 4px  
4px 4px #292BCC; box-shadow:4px 4px 4px  
4px #292BCC }
```

# Background

The CSS property to change the background color of an element to Hex 292BCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#292BCC }
```

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

```
.background{ background-color:#292BCC }
```

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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