

# Converting Colors

Hex(293CB2)

Have a look what the booklet for  
Hex(293CB2) contains.

<b>Hex(293CB2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(293CB2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	293CB2
RGB	41, 60, 178
RGB Percent	16%, 24%, 70%
CMY	0.8392, 0.7647, 0.3020
CMYK	0.77, 0.66, 0.00, 0.30
HSL	232°, 63%, 43%
HSV	232°, 77%, 70%
XYZ	10.5662, 6.9175, 42.8978
YIQ	67.7710, -49.2020, 32.6700

# Conversions

## Conversions Part 2

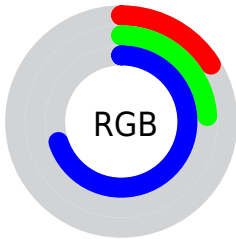
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 58, 178
Decimal	2702514
CIE Lab	31.62, 35.16, -64.52
CIE LCh	32, 73.479, 298.592
Yxy	6.9175, 0.1750, 0.1146
Android (android.graphics.Color)	4280892594 (0xFF293CB2)
YUV	67.7710, 54.3429, -23.4782
Hunter-Lab	26.3011, 25.6835, -78.2927

# Details

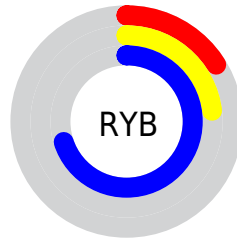
The Hex color **293CB2** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B29F29**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6C6BEB**, and **00127C** is the 20% darker color. If you saturate the color by 10%, you get **172DB2**, and if you desaturate by 10%, it is **3B4BB2**.

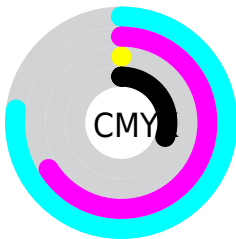
# Distribution



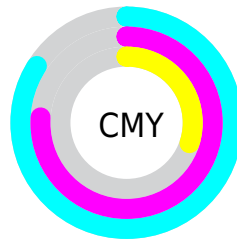
- Red (16%)
- Green (24%)
- Blue (70%)



- Red (16%)
- Yellow (23%)
- Blue (70%)



- Cyan (77%)
- Magenta (66%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (76%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 293CB2 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 293CB2 by changing the saturation by 10% instead.





293CB2



293CB2

FFFFFF



002697



6C6BEB



00127C



8A85FF



000062



A89FFF



000949



C6BAFF



000432



E4D6FF



00011C



FFF2FF



000000



293CB2



293CB2



172DB2



3B4BB2

■ 051DB2

■ 4D5BB2

■ 0019B2

■ 5E6AB2

■ 7079B2

■ 8289B2

■ 9498B2

■ A6A7B2

■ B7B7B2

■ C9C6B2

# Harmonies

## Analogous

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



0054C1



293CB2



890088

# Triad

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



293CB2



892A00



006046

# Complementary

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



293CB2



B29F29

# 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.



005D00



293CB2



5E4800

# Square

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



293CB2



A40018



215600



006181

# Rectangle

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



293CB2



A10063



215600



005F31



# Sweetspot

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



293CB2



B3BAE8



29B29D



545975



F5F5F5



757575



# Same Dimension

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



293CB2



1330E8



5929B2



505259



001599



00041A



# Inverse Universe

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



B2293C



E81330



82B229



595052



990015

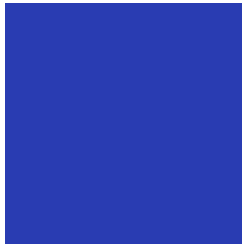


1A0004



# Previews

## White Background



This preview shows how the Hex color 293CB2 looks on a white background.

## Color Contrast Check

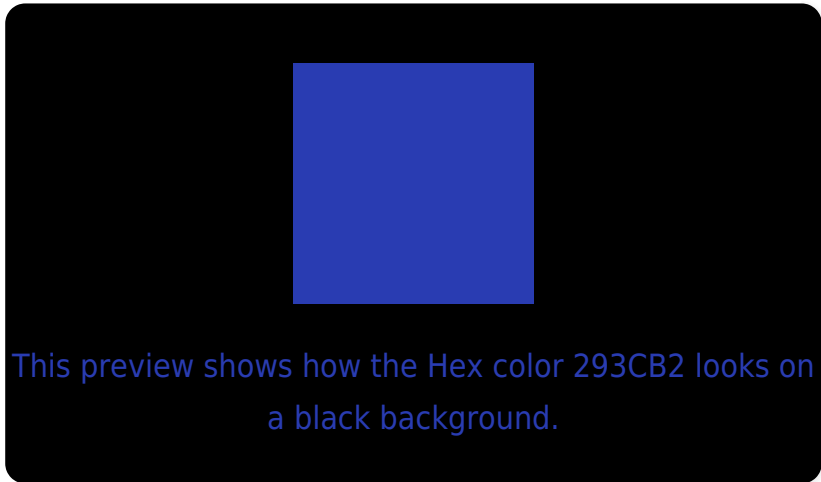
Large Text (above 18pt) WCAG AA ✓ Pass

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

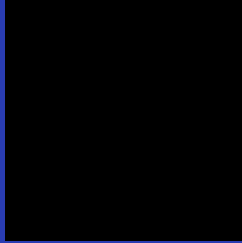
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 293CB2 Background



This preview shows how black text looks on a background with the Hex color 293CB2.

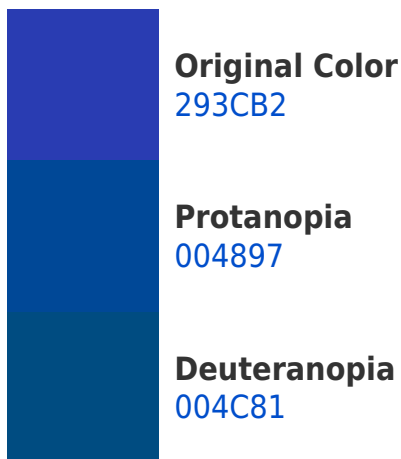


This preview shows how white text looks on a background with the Hex color 293CB2.

# 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





# Trichromacy



**Original Color**  
293CB2

**Protanomaly**  
0F44A1

**Deuteranomaly**  
0F4693

**Tritanomaly**  
0F4A78

# Monochromacy



**Original Color**  
293CB2

**Achromatopsia**  
444444

**Achromatomaly**  
3A416C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 293CB2 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 #293CB2 looks like.

```
.text, #text, p{  
    color:#293CB2  
}
```

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 #293CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293CB2
}
```

## Border

The CSS property to change the border of an element to Hex 293CB2 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
#293CB2 }
```

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

```
.border{ border-color:#293CB2 }
```

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

Here you see how a box with a 4 pixel #293CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293CB2; -webkit-box-shadow:4px 4px  
4px 4px #293CB2; box-shadow:4px 4px 4px  
4px #293CB2 }
```

# Background

The CSS property to change the background color of an element to Hex 293CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293CB2 }
```

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

```
.background{ background-color:#293CB2 }
```

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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