

Converting Colors

Hex(293BCC)

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

Hex(293BCC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(293BCC)

Conversions

Conversions Part 1

Format	Color
Hex	293BCC
RGB	41, 59, 204
RGB Percent	16%, 23%, 80%
CMY	0.8392, 0.7686, 0.2000
CMYK	0.80, 0.71, 0.00, 0.20
HSL	233°, 67%, 48%
HSV	233°, 80%, 80%
XYZ	13.3775, 7.9590, 57.9579
YIQ	70.1480, -57.2730, 41.2790

Conversions

Conversions Part 2

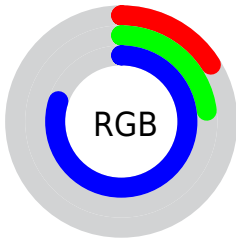
Format	Color
R_{YB}	41, 57, 204
Decimal	2702284
CIE _{Lab}	33.90, 45.01, -76.06
CIE _{LCh}	34, 88.378, 300.617
Yxy	7.9590, 0.1687, 0.1004
Android (android.graphics.Color)	4280892364 (0xFF293BCC)
YUV	70.1480, 65.9890, -25.5628
Hunter-Lab	28.2117, 35.2713, -102.0569

Details

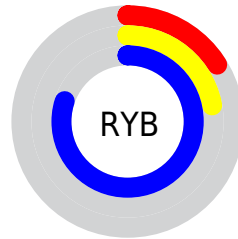
The Hex color **293BCC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CCBA29**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **736BFF**, and **001094** is the 20% darker color. If you saturate the color by 10%, you get **1529CC**, and if you desaturate by 10%, it is **3D4DCC**.

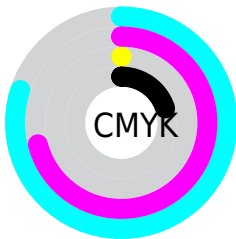
Distribution



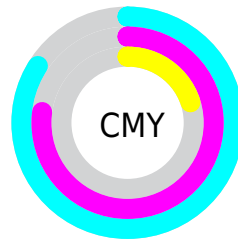
- Red (16%)
- Green (23%)
- Blue (80%)



- Red (16%)
- Yellow (22%)
- Blue (80%)



- Cyan (80%)
- Magenta (71%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (77%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 293BCC

 293BCC

FFFFFF

 0025B0

 736BFF

 001094

 9285FF

 00007A

 B19FFF

 000060

 D0BAFF

 000847

 EFD6FF

 000430

 FFF3FF

 00011A

 000000

 293BCC

 293BCC

■ 1529CC

■ 3D4DCC

■ 0017CC

■ 525FCC

■ 6671CC

■ 7B84CC

■ 8F96CC

■ A3A8CC

■ B8BACC

■ CCCCCC

■ E1DECC

Harmonies

Analogous

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



005BE1



293BCC



9F0096

Triad

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



293BCC



962900



006850

Complementary

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



293BCC



CCBA29

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.



006500



293BCC



614E00

Square

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



293BCC



B8000D



005E00



006997

Rectangle

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



293BCC



BA0069



005E00



006736

Sweetspot

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



293BCC



C2C9FF



29CCB9



5B5F80



000000



808080

Same Dimension

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



293BCC



0A25FF



6729CC



5C5D66



0012A6



000426

Inverse Universe

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



CC293B



FF0A25



8ECC29



665C5D



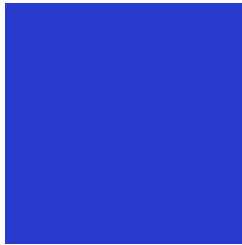
A60012



260004

Previews

White Background



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

Color Contrast Check

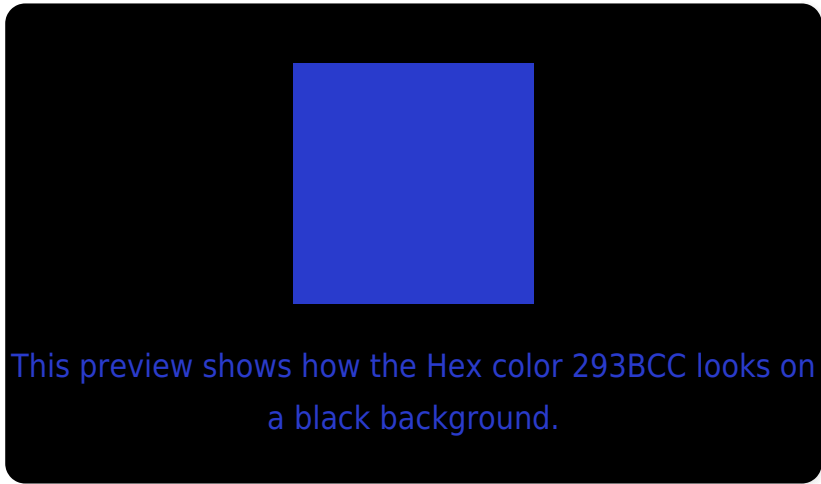
Large Text (above 18pt) WCAG AA ✓ Pass

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

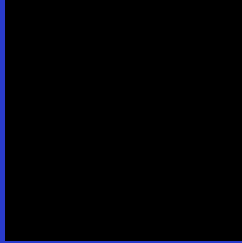
Any Text WCAG AA × Fail

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 293BCC Background



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



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

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
293BCC

Deuteranomaly
0F4AA1

Tritanomaly
0F4D85

Monochromacy



Original Color
293BCC

Achromatopsia
464646

Achromatomaly
3B4277

CSS Examples

Text

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

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

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 #293BCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor