

Converting Colors

Hex(234BFA)

Have a look what the booklet for
Hex(234BFA) contains.

Hex(234BFA)	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>	29

Color

Hex(234BFA)

Conversions

Conversions Part 1

Format	Color
Hex	234BFA
RGB	35, 75, 250
RGB Percent	14%, 29%, 98%
CMY	0.8627, 0.7059, 0.0196
CMYK	0.86, 0.70, 0.00, 0.02
HSL	229°, 96%, 56%
HSV	229°, 86%, 98%
XYZ	20.4645, 12.2916, 91.7364
YIQ	82.9900, -80.0150, 45.9450

Conversions

Conversions Part 2

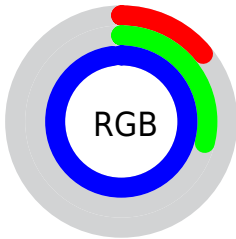
Format	Color
R_{YB}	35, 69, 250
Decimal	2313210
CIE _{Lab}	41.68, 51.08, -89.46
CIE _{LCh}	42, 103.010, 299.725
Yxy	12.2916, 0.1644, 0.0987
Android (android.graphics.Color)	4280503290 (0xFF234BFA)
YUV	82.9900, 82.3359, -42.0872
Hunter-Lab	35.0594, 42.8384, -130.5967

Details

The Hex color **234BFA** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **FAD223**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7B7CFF**, and **001FC0** is the 20% darker color. If you saturate the color by 10%, you get **0A37FA**, and if you desaturate by 10%, it is **3C5FFA**.

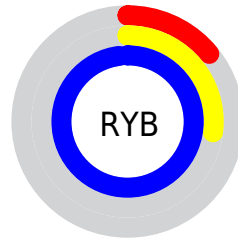
Distribution



Red (14%)

Green (29%)

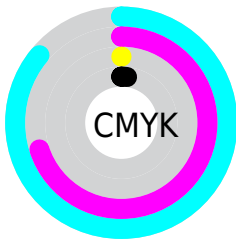
Blue (98%)



Red (14%)

Yellow (27%)

Blue (98%)

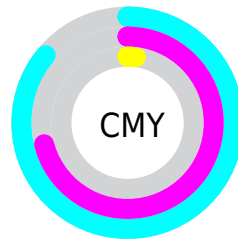


Cyan (86%)

Magenta (70%)

Yellow (0%)

Black (2%)



Cyan (86%)

Magenta (71%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234BFA 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 234BFA by changing the saturation by 10% instead.

 234BFA

 234BFA

FFFFFF

 0034DD

 7B7CFF

 001FC0

 9D96FF

 000CA4

 BDB1FF

 000089

 DECDFE

 00086E

 FEE9FF

 000C55

 00063C

 000226

 00010E

■ 234BFA

■ 234BFA

■ 0A37FA

■ 3C5FFA

■ 002FFA

■ 5574FA

■ 6E88FA

■ 879CFA

■ A0B1FA

■ B9C5FA

■ D2D9FA

■ EBEEFA

■ FFFFFA

Harmonies

Analogous

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



0071FF



234BFA



BF00BA

Triad

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



234BFA



B83100



007F5F

Complementary

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



234BFA



FAD223

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.



007C00



234BFA



796000

Square

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



234BFA



E10015



037400



0081B6

Rectangle

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



234BFA



E10083



037400



007E41

Sweetspot

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



234BFA



BDC9FF



23FACF



585F80



000000



808080

Same Dimension

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



234BFA



002FFF



6323FA



70737D



0023BD



000B3D

Inverse Universe

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



FA234B



FF002F



BAFA23



7D7073



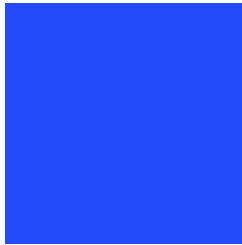
BD0023



3D000B

Previews

White Background



This preview shows how the Hex color 234BFA looks on a white background.

Color Contrast Check

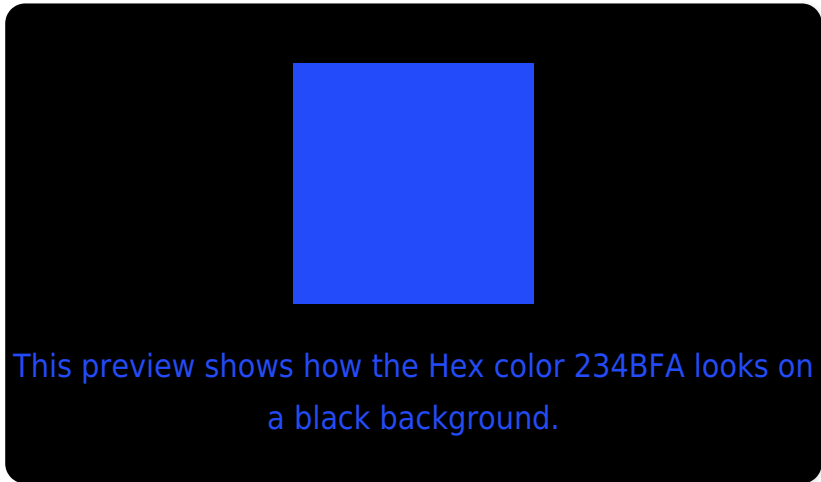
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

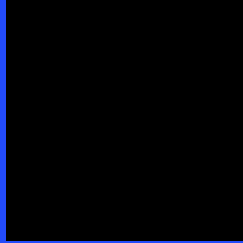
Any Text WCAG AA × Fail

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 234BFA Background



This preview shows how black text looks on a background with the Hex color 234BFA.

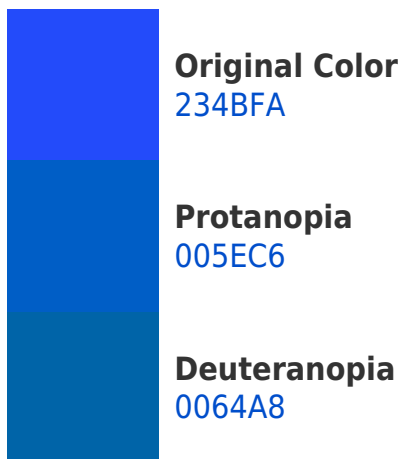


This preview shows how white text looks on a background with the Hex color 234BFA.

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](#).

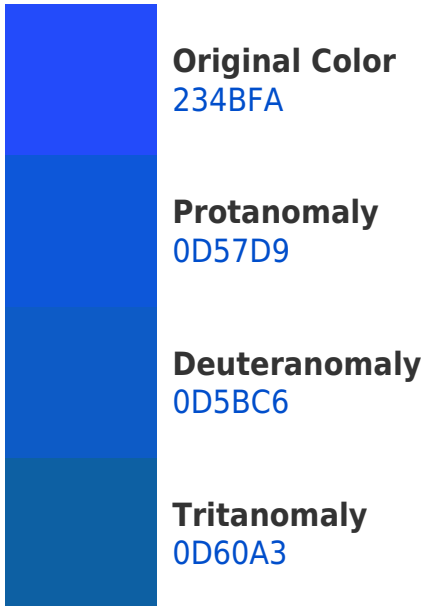
Dichromacy





Tritanopia
006C72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 234BFA 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 #234BFA looks like.

```
.text, #text, p{  
    color:#234BFA  
}
```

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 #234BFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234BFA
}
```

Border

The CSS property to change the border of an element to Hex 234BFA 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
#234BFA }
```

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

```
.border{ border-color:#234BFA }
```

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

Here you see how a box with a 4 pixel #234BFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234BFA; -webkit-box-shadow:4px 4px  
4px 4px #234BFA; box-shadow:4px 4px 4px  
4px #234BFA }
```

Background

The CSS property to change the background color of an element to Hex 234BFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234BFA }
```

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

```
.background{ background-color:#234BFA }
```

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