

Converting Colors

Hex(6B5BF4)

Have a look what the booklet for
Hex(6B5BF4) contains.

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Color

Hex(6B5BF4)

Conversions

Conversions Part 1

Format	Color
Hex	6B5BF4
RGB	107, 91, 244
RGB Percent	42%, 36%, 96%
CMY	0.5804, 0.6431, 0.0431
CMYK	0.56, 0.63, 0.00, 0.04
HSL	246°, 87%, 66%
HSV	246°, 63%, 96%
XYZ	26.1336, 17.1396, 87.5188
YIQ	113.2260, -39.5770, 50.9750

Conversions

Conversions Part 2

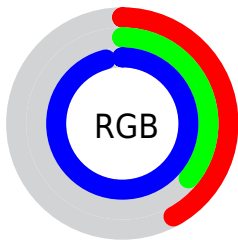
Format	Color
R _Y B	107, 91, 244
Decimal	7035892
CIE Lab	48.44, 47.39, -74.86
CIE LCh	48, 88.600, 302.336
Yxy	17.1396, 0.1998, 0.1310
Android (android.graphics.Color)	4285225972 (0xFF6B5BF4)
YUV	113.2260, 64.4716, -5.4602
Hunter-Lab	41.4000, 40.2275, -96.3579

Details

The Hex color **6B5BF4** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **E4F45B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A98EFF**, and **1F2BBB** is the 20% darker color. If you saturate the color by 10%, you get **5543F4**, and if you desaturate by 10%, it is **8173F4**.

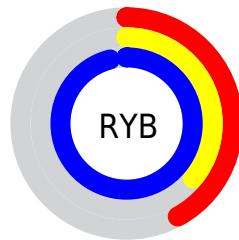
Distribution



Red (42%)

Green (36%)

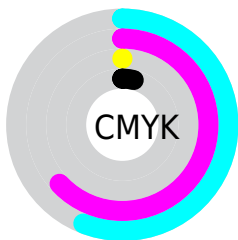
Blue (96%)



Red (42%)

Yellow (36%)

Blue (96%)

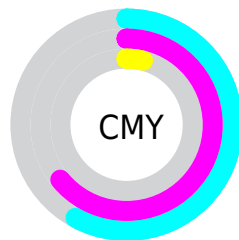


Cyan (56%)

Magenta (63%)

Yellow (0%)

Black (4%)



Cyan (58%)

Magenta (64%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5BF4 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 6B5BF4 by changing the saturation by 10% instead.

 6B5BF4

 6B5BF4

FFFFFF

 4A43D7

 A98EFF

 1F2BBB

 C7A9FF

 00159F

 E6C4FF

 000184

 FFE1FF

 00006A

FFFEFF

 000A50

 000538

 000222

 000008

■ 6B5BF4

■ 6B5BF4

■ 5543F4

■ 8173F4

■ 3F2AF4

■ 978CF4

■ 2912F4

■ ADA4F4

■ 1A00F4

■ C2BDF4

■ D8D5F4

■ EEEDF4

■ FFFFF4

Harmonies

Analogous

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



007CFF



6B5BF4



CD17BA

Triad

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



6B5BF4



C15100



009077

Complementary

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



6B5BF4



E4F45B

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.



008D24



6B5BF4



877200

Square

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



6B5BF4



E70028



348400



0091C2

Rectangle

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



6B5BF4



E9008A



348400



008F5D

Sweetspot

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



6B5BF4



D4CFFF



5BE5F4



656280



000000



808080

Same Dimension

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



6B5BF4



5440FF



B75BF4



6F6E7A



1300BA



06003B

Inverse Universe

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



F45BE4



FF40EB



98F45B



7A6E79



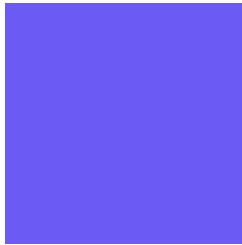
BA00A7



3B0035

Previews

White Background



This preview shows how the Hex color 6B5BF4 looks on a white background.

Color Contrast Check

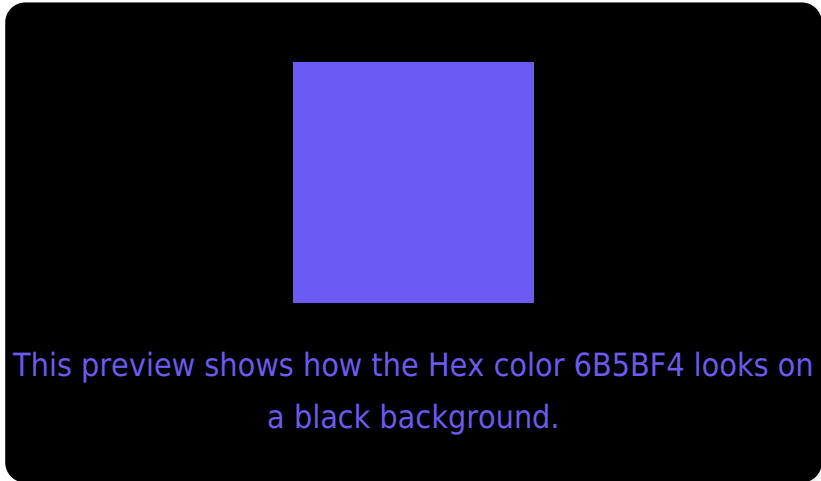
Large Text (above 18pt) WCAG AA ✓ Pass

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

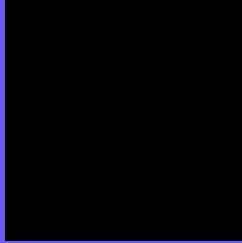
Any Text WCAG AA × Fail

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 6B5BF4 Background



This preview shows how black text looks on a background with the Hex color 6B5BF4.



This preview shows how white text looks on a background with the Hex color 6B5BF4.

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](#).

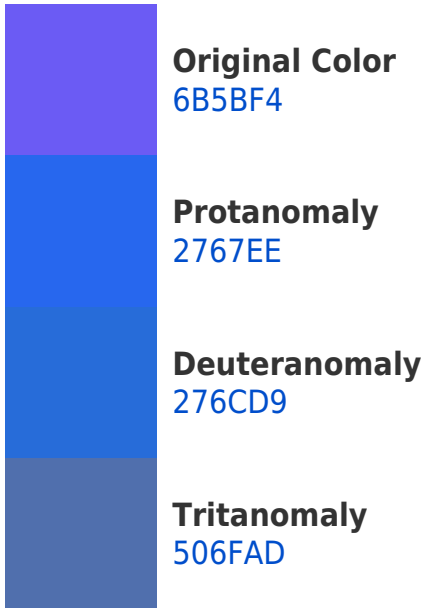
Dichromacy





Tritanopia
417B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5BF4 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 #6B5BF4 looks like.

```
.text, #text, p{  
    color:#6B5BF4  
}
```

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 #6B5BF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5BF4
}
```

Border

The CSS property to change the border of an element to Hex 6B5BF4 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
#6B5BF4 }
```

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

```
.border{ border-color:#6B5BF4 }
```

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

Here you see how a box with a 4 pixel #6B5BF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5BF4; -webkit-box-shadow:4px 4px  
4px 4px #6B5BF4; box-shadow:4px 4px 4px  
4px #6B5BF4 }
```

Background

The CSS property to change the background color of an element to Hex 6B5BF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5BF4 }
```

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

```
.background{ background-color:#6B5BF4 }
```

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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