

Converting Colors

Hex(B65CF6)

Have a look what the booklet for
Hex(B65CF6) contains.

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Color

Hex(B65CF6)

Conversions

Conversions Part 1

Format	Color
Hex	B65CF6
RGB	182, 92, 246
RGB Percent	71%, 36%, 96%
CMY	0.2863, 0.6392, 0.0353
CMYK	0.26, 0.63, 0.00, 0.04
HSL	275°, 90%, 66%
HSV	275°, 63%, 96%
XYZ	39.7531, 24.2532, 89.7749
YIQ	136.4660, 4.2060, 66.9740

Conversions

Conversions Part 2

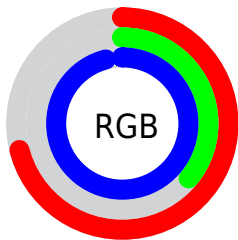
Format	Color
R _Y B	182, 92, 246
Decimal	11951350
CIE Lab	56.34, 62.11, -62.82
CIE LCh	56, 88.337, 314.676
Yxy	24.2532, 0.2585, 0.1577
Android (android.graphics.Color)	4290141430 (0xFFB65CF6)
YUV	136.4660, 54.0003, 39.9333
Hunter-Lab	49.2475, 57.9038, -73.6083

Details

The Hex color **B65CF6** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **9CF65C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **F193FF**, and **7C23BD** is the 20% darker color. If you saturate the color by 10%, you get **AC43F6**, and if you desaturate by 10%, it is **C075F6**.

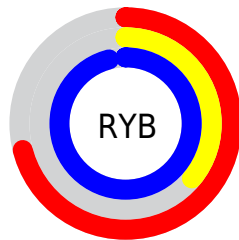
Distribution



Red (71%)

Green (36%)

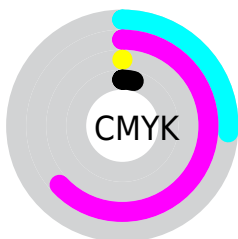
Blue (96%)



Red (71%)

Yellow (36%)

Blue (96%)

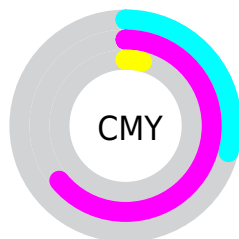


Cyan (26%)

Magenta (63%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (64%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color B65CF6 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 B65CF6 by changing the saturation by 10% instead.

 B65CF6

 B65CF6

FFFFFF

 9941D9

 F193FF

 7C23BD

 FFAFFF

 6000A1

 FFCBFF

 420086

 FFE8FF

 23006C

 000053

 00033B

 000224

 00000C

 B65CF6

 B65CF6

 AC43F6

 C075F6

 A22BF6

 CA8DF6

 9712F6

 D5A6F6

 9000F6

 DFBEF6

 E9D7F6

 F3F0F6

 FEFFF6

 FFFFF6

Harmonies

Analogous

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



0084FF



B65CF6



F91DB2

Triad

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



B65CF6



C47500



00A7AC

Complementary

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



B65CF6



9CF65C

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.



00A55B



B65CF6



818F00

Square

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



B65CF6



F44A16



009E00



00A5F3

Rectangle

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



B65CF6



FF007F



009E00



00A792

Sweetspot

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



B65CF6



EBCFFF



5C9CF6



736280



000000



808080

Same Dimension

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



B65CF6



B040FF



F65CE9



756E7A



6D00BA



22003B

Inverse Universe

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



F65C9C



FF408F



5CF669



7A6E73



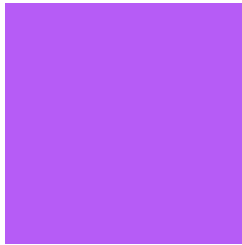
BA004D



3B0018

Previews

White Background



This preview shows how the Hex color B65CF6 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

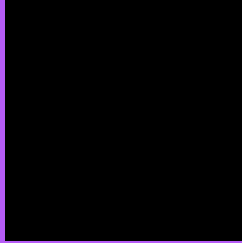
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex B65CF6 Background



This preview shows how black text looks on a background with the Hex color B65CF6.

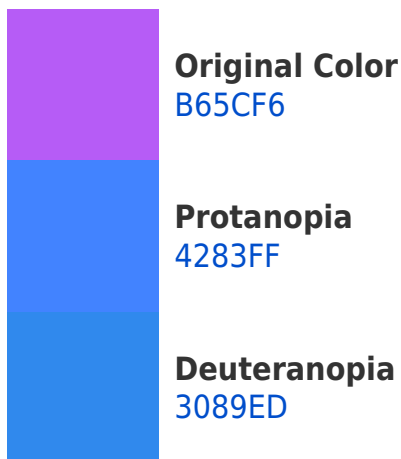



This preview shows how white text looks on a background with the Hex color B65CF6.

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
A37D86

Trichromacy



Original Color
B65CF6



Protanomaly
6C75FC



Deuteranomaly
6179F0



Tritanomaly
AA71AF

Monochromacy



Original Color
B65CF6



Achromatopsia
888888



Achromatomaly
9978B0

CSS Examples

Text

The CSS property to change the color of the text to Hex B65CF6 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 #B65CF6 looks like.

```
.text, #text, p{  
    color:#B65CF6  
}
```

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 #B65CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65CF6  
}
```

Border

The CSS property to change the border of an element to Hex B65CF6 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  
#B65CF6 }
```

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

```
.border{ border-color:#B65CF6 }
```

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

Here you see how a box with a 4 pixel #B65CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65CF6; -webkit-box-shadow:4px 4px  
4px 4px #B65CF6; box-shadow:4px 4px 4px  
4px #B65CF6 }
```

Background

The CSS property to change the background color of an element to Hex B65CF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65CF6 }
```

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

```
.background{ background-color:#B65CF6 }
```

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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