

Converting Colors

Hex(BE5EF4)

Have a look what the booklet for
Hex(BE5EF4) contains.

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Color

Hex(BE5EF4)

Conversions

Conversions Part 1	
Format	Color
Hex	BE5EF4
RGB	190, 94, 244
RGB Percent	75%, 37%, 96%
CMY	0.2549, 0.6314, 0.0431
CMYK	0.22, 0.61, 0.00, 0.04
HSL	278°, 87%, 66%
HSV	278°, 61%, 96%
XYZ	41.5670, 25.4842, 88.3161
YIQ	139.8040, 9.0660, 67.0020

Conversions

Conversions Part 2

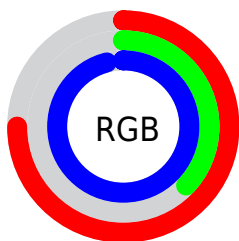
Format	Color
RYB	190, 94, 244
Decimal	12476148
CIELab	57.54, 62.52, -59.72
CIELCh	58, 86.461, 316.315
Yxy	25.4842, 0.2675, 0.1640
Android (android.graphics.Color)	4290666228 (0xFFBE5EF4)
YUV	139.8040, 51.3686, 44.0219
Hunter-Lab	50.4819, 58.6345, -68.3882

Details

The Hex color **BE5EF4** 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 **94F45E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F995FF**, and **8425BB** is the 20% darker color. If you saturate the color by 10%, you get **B546F4**, and if you desaturate by 10%, it is **C776F4**.

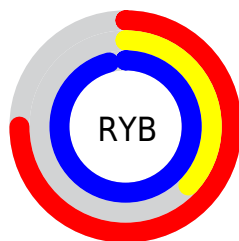
Distribution



Red (75%)

Green (37%)

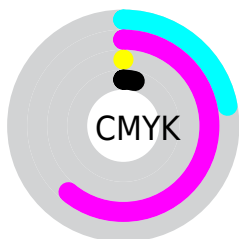
Blue (96%)



Red (75%)

Yellow (37%)

Blue (96%)

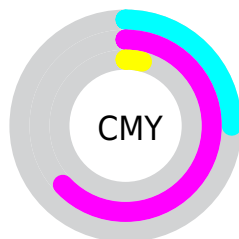


Cyan (22%)

Magenta (61%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (63%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color BE5EF4 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 BE5EF4 by changing the saturation by 10% instead.

 BE5EF4

FFFFFF

 F995FF

 FFB1FF

 FFCEFF

 FFE0FF

 BE5EF4

 A142D7

 8425BB

 68009F

 4C0084

 2E006A

 0F0051

 000039

 000223

 000009

 BE5EF4

 BE5EF4

 B546F4

 C776F4

 AC2DF4

 D08FF4

 A415F4

 D8A7F4

 9C00F4

 E1C0F4

 EAD8F4

 F3F0F4

 FBFFF4

 FFFFF4

Harmonies

Analogous

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



0086FF



BE5EF4



FD28B0

Triad

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



BE5EF4



C47A00



00AAB3

Complementary

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



BE5EF4



94F45E

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.



00A864



BE5EF4



819300

Square

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



BE5EF4



F45318



00A100



00A8F7

Rectangle

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



BE5EF4



FF107E



00A100



00AA99

Sweetspot

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



BE5EF4



EED1FF



5E95F4



756380



000000



808080

Same Dimension

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



BE5EF4



BB42FF



F45EE0



766E7A



7700BA



26003B

Inverse Universe

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



F45E94



FF4286



5EF472



7A6E73



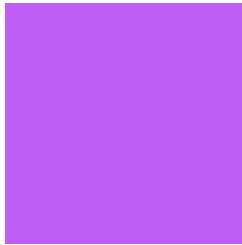
BA0043



3B0015

Previews

White Background



This preview shows how the Hex color BE5EF4 looks on a white background.

Color Contrast Check

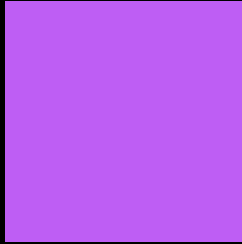
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color BE5EF4 looks on a 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 BE5EF4 Background



This preview shows how black text looks on a background with the Hex color BE5EF4.



This preview shows how white text looks on a background with the Hex color BE5EF4.

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



Original Color
BE5EF4

Protanopia
4B87FF

Deuteranopia
448CEB



Tritanopia
AD7D87

Trichromacy



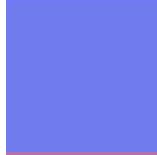
Original Color

BE5EF4



Protanomaly

7578FB



Deuteranomaly

707BEE



Tritanomaly

B372AF

Monochromacy



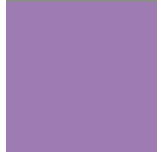
Original Color

BE5EF4



Achromatopsia

8C8C8C



Achromatomaly

9E7BB2

CSS Examples

Text

The CSS property to change the color of the text to Hex BE5EF4 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 #BE5EF4 looks like.

```
.text, #text, p{  
    color:#BE5EF4  
}
```

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 #BE5EF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE5EF4
}
```

Border

The CSS property to change the border of an element to Hex BE5EF4 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
#BE5EF4 }
```

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

```
.border{ border-color:#BE5EF4 }
```

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

Here you see how a box with a 4 pixel #BE5EF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE5EF4; -webkit-box-shadow:4px 4px  
4px 4px #BE5EF4; box-shadow:4px 4px 4px  
4px #BE5EF4 }
```

Background

The CSS property to change the background color of an element to Hex BE5EF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE5EF4 }
```

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

```
.background{ background-color:#BE5EF4 }
```

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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