

Converting Colors

Hex(B45AF0)

Have a look what the booklet for
Hex(B45AF0) contains.

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Color

Hex(B45AF0)

Conversions

Conversions Part 1

Format	Color
Hex	B45AF0
RGB	180, 90, 240
RGB Percent	71%, 35%, 94%
CMY	0.2941, 0.6471, 0.0588
CMYK	0.25, 0.62, 0.00, 0.06
HSL	276°, 83%, 65%
HSV	276°, 62%, 94%
XYZ	38.2067, 23.3069, 84.9230
YIQ	134.0100, 5.4900, 65.7300

Conversions

Conversions Part 2

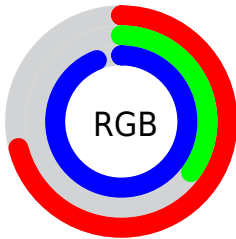
Format	Color
R _{YB}	180, 90, 240
Decimal	11819760
CIE Lab	55.39, 61.31, -61.02
CIE LCh	55, 86.497, 315.135
Yxy	23.3069, 0.2609, 0.1592
Android (android.graphics.Color)	4290009840 (0xFFB45AF0)
YUV	134.0100, 52.2531, 40.3332
Hunter-Lab	48.2772, 56.7803, -70.5012

Details

The Hex color **B45AF0** 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 **96F05A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **EF91FF**, and **7B21B7** is the 20% darker color. If you saturate the color by 10%, you get **AA42F0**, and if you desaturate by 10%, it is **BE72F0**.

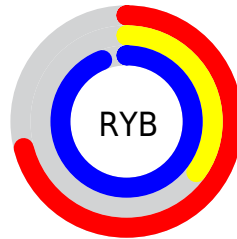
Distribution



Red (71%)

Green (35%)

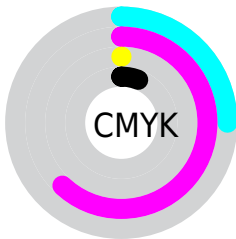
Blue (94%)



Red (71%)

Yellow (35%)

Blue (94%)

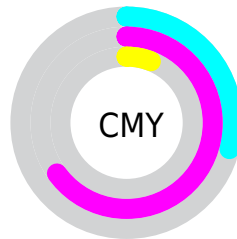


Cyan (25%)

Magenta (62%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (65%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color B45AF0 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 B45AF0 by changing the saturation by 10% instead.

 B45AF0

 B45AF0

FFFFFF

 973FD3

 EF91FF

 7B21B7

 FFACFF

 5E009C

 FFC9FF

 410081

 FFE6FF

 220067

 00004E

 000536

 000220

 000003

 B45AF0

 B45AF0

 AA42F0

 BE72F0

 A12AF0

 C78AF0

 9712F0

 D1A2F0

 9000F0

 DABAF0

 E4D2F0

 EEEAF0

 F7FFF0

 FFFFF0

Harmonies

Analogous

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



0082FF



B45AF0



F51EAD

Triad

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



B45AF0



BF7300



00A4AA

Complementary

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



B45AF0



96F05A

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.



00A25B



B45AF0



7E8D00

Square

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



B45AF0



EF4A15



009B00



00A2EF

Rectangle

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



B45AF0



FF007B



009B00



00A490

Sweetspot

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



B45AF0



ECCFFF



5A96F0



746280



000000



808080

Same Dimension

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



B45AF0



B340FF



F05AE1



736C78



6E00B8



220038

Inverse Universe

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



F05A96



FF408C



5AF069



786C71



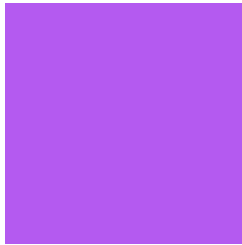
B80049



380016

Previews

White Background



This preview shows how the Hex color B45AF0 looks on a white background.

Color Contrast Check

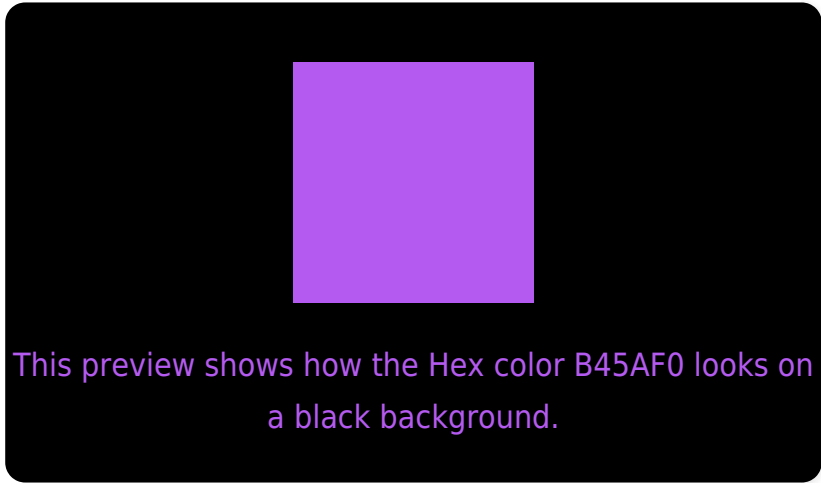
Large Text (above 18pt) WCAG AA ✓ Pass

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

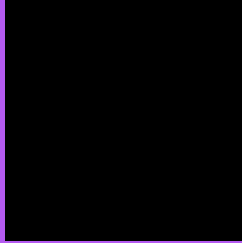
Any Text WCAG AA ✓ Pass

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 B45AF0 Background



This preview shows how black text looks on a background with the Hex color B45AF0.

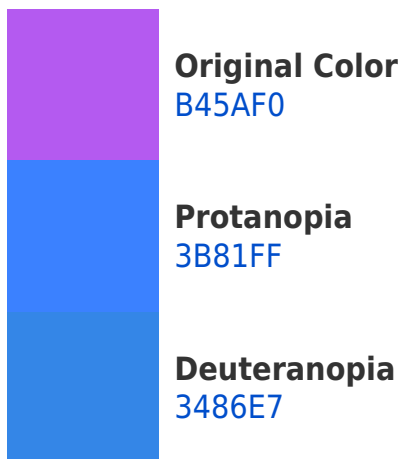



This preview shows how white text looks on a background with the Hex color B45AF0.

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](#).

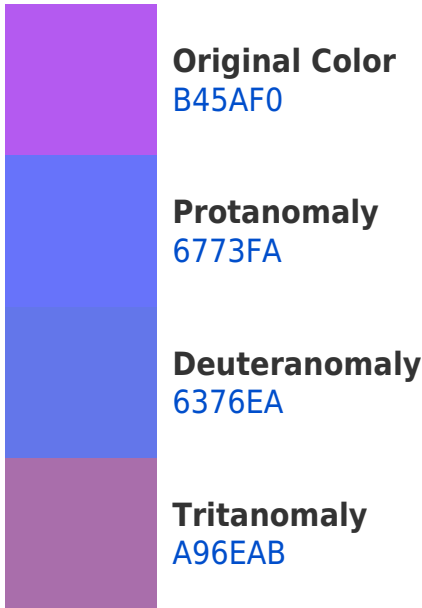
Dichromacy



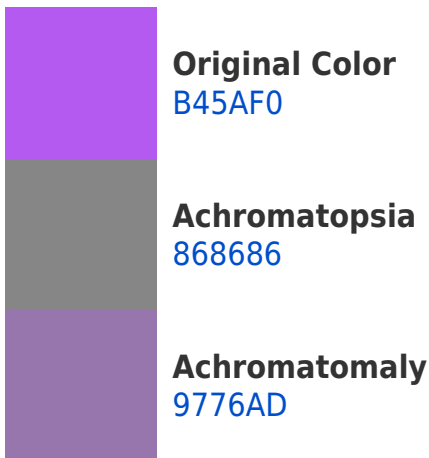


Tritanopia
A27A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B45AF0 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 #B45AF0 looks like.

```
.text, #text, p{  
    color:#B45AF0  
}
```

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 #B45AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B45AF0
}
```

Border

The CSS property to change the border of an element to Hex B45AF0 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
#B45AF0 }
```

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

```
.border{ border-color:#B45AF0 }
```

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

Here you see how a box with a 4 pixel #B45AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B45AF0; -webkit-box-shadow:4px 4px  
4px 4px #B45AF0; box-shadow:4px 4px 4px  
4px #B45AF0 }
```

Background

The CSS property to change the background color of an element to Hex B45AF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B45AF0 }
```

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

```
.background{ background-color:#B45AF0 }
```

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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