

Converting Colors

Hex(B96EF7)

Have a look what the booklet for
Hex(B96EF7) contains.

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Color

Hex(B96EF7)

Conversions

Conversions Part 1

Format	Color
Hex	B96EF7
RGB	185, 110, 247
RGB Percent	73%, 43%, 97%
CMY	0.2745, 0.5686, 0.0314
CMYK	0.25, 0.55, 0.00, 0.03
HSL	273°, 90%, 70%
HSV	273°, 55%, 97%
XYZ	42.3720, 28.1815, 91.2020
YIQ	148.0430, 0.7230, 58.5070

Conversions

Conversions Part 2

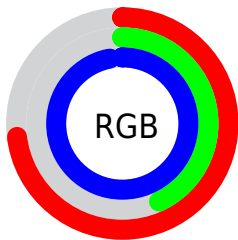
Format	Color
R _Y B	185, 110, 247
Decimal	12152567
CIE Lab	60.05, 54.15, -57.40
CIE LCh	60, 78.912, 313.328
Yxy	28.1815, 0.2620, 0.1742
Android (android.graphics.Color)	4290342647 (0xFFB96EF7)
YUV	148.0430, 48.7858, 32.4113
Hunter-Lab	53.0863, 49.5727, -64.6995

Details

The Hex color **B96EF7** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **ACF76E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **F4A4FF**, and **803ABE** is the 20% darker color. If you saturate the color by 10%, you get **AE55F7**, and if you desaturate by 10%, it is **C487F7**.

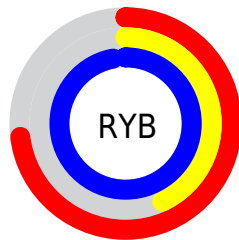
Distribution



Red (73%)

Green (43%)

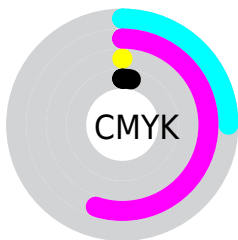
Blue (97%)



Red (73%)

Yellow (43%)

Blue (97%)

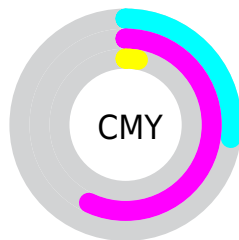


Cyan (25%)

Magenta (55%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (57%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color B96EF7 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 B96EF7 by changing the saturation by 10% instead.

 B96EF7

 B96EF7

FFFFFF

 9C54DA

 F4A4FF

 803ABE

 FFC0FF

 641EA2

 FFDDFF

 480087

 FFFAFF

 2A006D

 0E0054

 00003C

 000225

 00010E

 B96EF7

 B96EF7

 AE55F7

 C487F7

 A33DF7

 CF9FF7

 9724F7

 DBB8F7

 8C0BF7

 E6D1F7

 8700F7

 F1EAF7

 FCFFF7

 FFFFF7

Harmonies

Analogous

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



008FFF



B96EF7



F848BA

Triad

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



B96EF7



CE7F00



00AFAF

Complementary

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



B96EF7



ACF76E

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.



00AD66



B96EF7



929700

Square

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



B96EF7



F95D32



3CA617



00ADEF

Rectangle

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



B96EF7



FF3C8C



3CA617



00AF97

Sweetspot

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



B96EF7



EBD4FF



6EAEF7



746680



000000



808080

Same Dimension

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



B96EF7



B254FF



F76EF2



756E7A



6600BA



20003B

Inverse Universe

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



F76EAC



FF54A1



6EF773



7A6E74



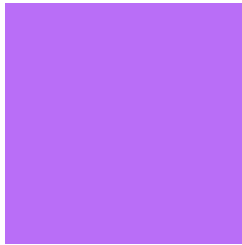
BA0054



3B001B

Previews

White Background



This preview shows how the Hex color B96EF7 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

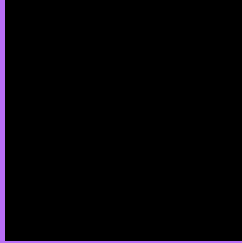
Any Text WCAG AA ✓ Pass

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 B96EF7 Background



This preview shows how black text looks on a background with the Hex color B96EF7.



This preview shows how white text looks on a background with the Hex color B96EF7.

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](#).

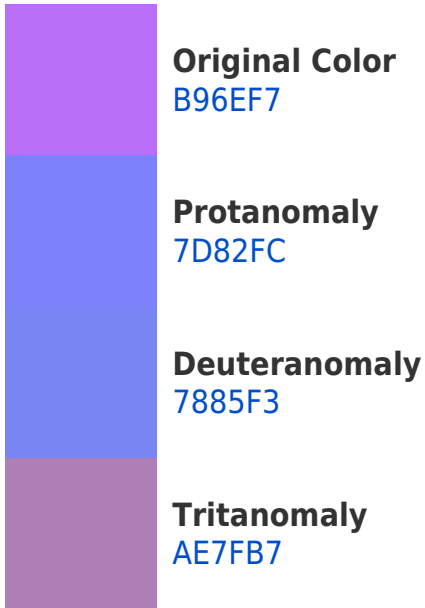
Dichromacy





Tritanopia
A88893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B96EF7 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 #B96EF7 looks like.

```
.text, #text, p{  
    color:#B96EF7  
}
```

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 #B96EF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96EF7
}
```

Border

The CSS property to change the border of an element to Hex B96EF7 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
#B96EF7 }
```

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

```
.border{ border-color:#B96EF7 }
```

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

Here you see how a box with a 4 pixel #B96EF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96EF7; -webkit-box-shadow:4px 4px  
4px 4px #B96EF7; box-shadow:4px 4px 4px  
4px #B96EF7 }
```

Background

The CSS property to change the background color of an element to Hex B96EF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96EF7 }
```

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

```
.background{ background-color:#B96EF7 }
```

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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