

Converting Colors

Hex(CA6BEF)

Have a look what the booklet for
Hex(CA6BEF) contains.

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Color

Hex(CA6BEF)

Conversions

Conversions Part 1

Format	Color
Hex	CA6BEF
RGB	202, 107, 239
RGB Percent	79%, 42%, 94%
CMY	0.2078, 0.5804, 0.0627
CMYK	0.15, 0.55, 0.00, 0.06
HSL	283°, 80%, 68%
HSV	283°, 55%, 94%
XYZ	45.1948, 29.3039, 84.9356
YIQ	150.4530, 14.2480, 61.1920

Conversions

Conversions Part 2

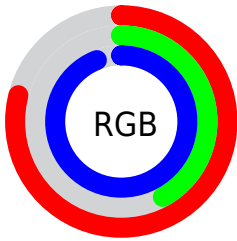
Format	Color
R _Y B	202, 107, 239
Decimal	13265903
CIE Lab	61.05, 58.15, -51.27
CIE LCh	61, 77.523, 318.601
Yxy	29.3039, 0.2835, 0.1838
Android (android.graphics.Color)	4291455983 (0xFFCA6BEF)
YUV	150.4530, 43.6537, 45.2067
Hunter-Lab	54.1331, 54.2936, -55.1336

Details

The Hex color **CA6BEF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **90EF6B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA2FF**, and **9134B6** is the 20% darker color. If you saturate the color by 10%, you get **C353EF**, and if you desaturate by 10%, it is **D183EF**.

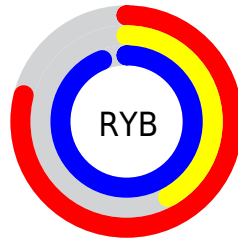
Distribution



Red (79%)

Green (42%)

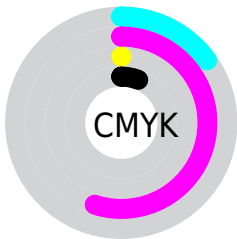
Blue (94%)



Red (79%)

Yellow (42%)

Blue (94%)

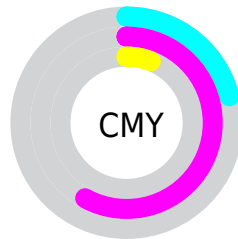


Cyan (15%)

Magenta (55%)

Yellow (0%)

Black (6%)



Cyan (21%)

Magenta (58%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA6BEF 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 CA6BEF by changing the saturation by 10% instead.


 CA6BEF

 CA6BEF

FFFFFF

 AD50D2

 FFA2FF

 9134B6

 FFBEFF

 75159B

 FFDBFF

 5A0080

 FFF8FF

 3E0067

 25004E

 000036

 000220

 000003

CA6BEF

CA6BEF

C353EF

D183EF

BD3BEF

D79BEF

B623EF

DEB3EF

AF0BEF

E5CBEF

AC00EF

EBE3EF

F2FAEF

F9FFEF

FFFFEF

Harmonies

Analogous

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



4C8DFF



CA6BEF



FF49B1

Triad

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



CA6BEF



C78700



00B2BD

Complementary

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



CA6BEF



90EF6B

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.



00B076



CA6BEF



899D00

Square

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



CA6BEF



F5672B



26AA2E



00AEFA

Rectangle

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



CA6BEF



FF4383



26AA2E



00B2A6

Sweetspot

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



CA6BEF



F3D4FF



6B90EF



786680



000000



808080

Same Dimension

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



CA6BEF



D057FF



EF6BD2



746C78



8400B8



280038

Inverse Universe

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



EF6B90



FF5786



6BEF88



786C6F



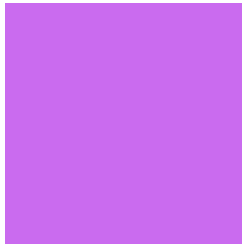
B80033



380010

Previews

White Background



This preview shows how the Hex color CA6BEF looks on a white background.

Color Contrast Check

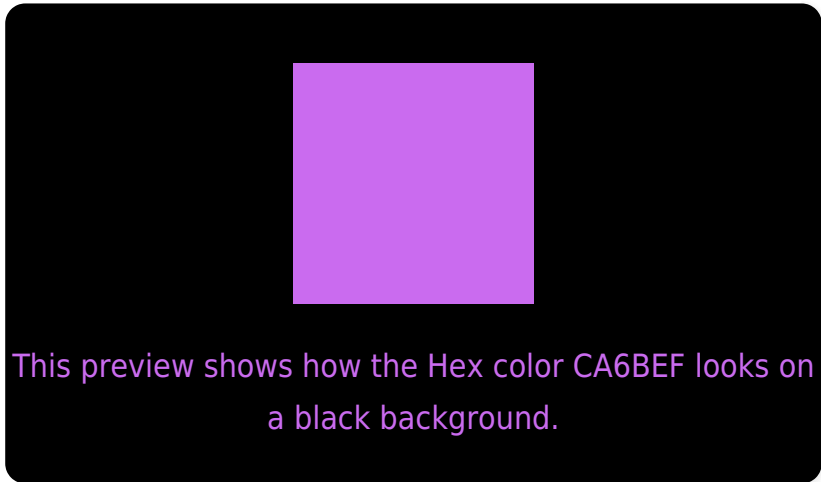
Large Text (above 18pt) WCAG AA ✓ Pass

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

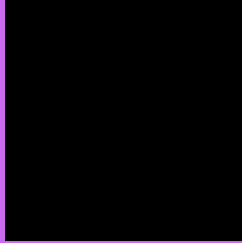
Any Text WCAG AA ✓ Pass

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 CA6BEF Background



This preview shows how black text looks on a background with the Hex color CA6BEF.

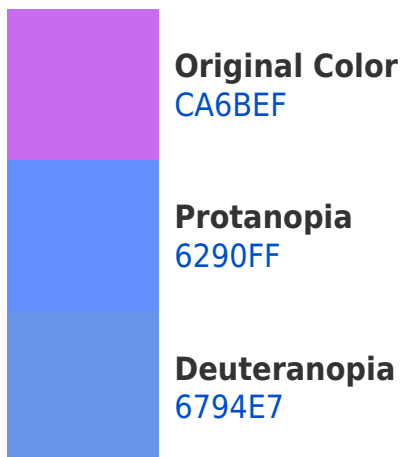


This preview shows how white text looks on a background with the Hex color CA6BEF.

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](#).

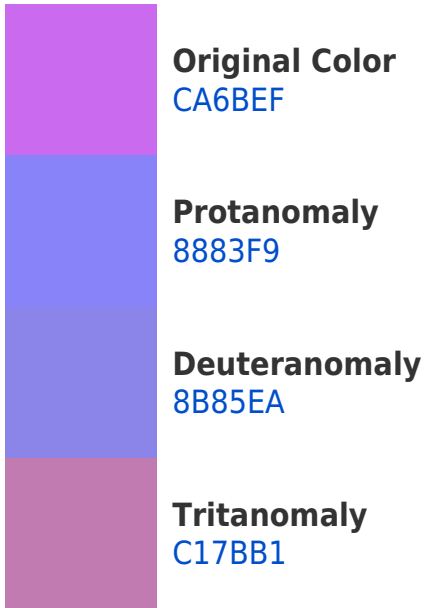
Dichromacy





Tritanopia
BC848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA6BEF 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 #CA6BEF looks like.

```
.text, #text, p{  
    color:#CA6BEF  
}
```

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 #CA6BEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA6BEF
}
```

Border

The CSS property to change the border of an element to Hex CA6BEF 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
#CA6BEF }
```

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

```
.border{ border-color:#CA6BEF }
```

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

Here you see how a box with a 4 pixel #CA6BEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA6BEF; -webkit-box-shadow:4px 4px  
4px 4px #CA6BEF; box-shadow:4px 4px 4px  
4px #CA6BEF }
```

Background

The CSS property to change the background color of an element to Hex CA6BEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA6BEF }
```

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

```
.background{ background-color:#CA6BEF }
```

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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