

Converting Colors

Hex(CA46F5)

Have a look what the booklet for
Hex(CA46F5) contains.

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Color

Hex(CA46F5)

Conversions

Conversions Part 1

Format	Color
Hex	CA46F5
RGB	202, 70, 245
RGB Percent	79%, 27%, 96%
CMY	0.2078, 0.7255, 0.0392
CMYK	0.18, 0.71, 0.00, 0.04
HSL	285°, 90%, 62%
HSV	285°, 71%, 96%
XYZ	43.0287, 23.5294, 88.6600
YIQ	129.4180, 22.4970, 82.4090

Conversions

Conversions Part 2

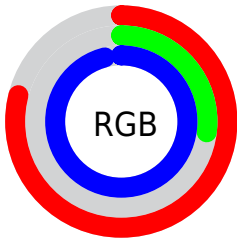
Format	Color
RYB	202, 70, 245
Decimal	13256437
CIELab	55.61, 75.24, -63.29
CIELCh	56, 98.321, 319.932
Yxy	23.5294, 0.2772, 0.1516
Android (android.graphics.Color)	4291446517 (0xFFCA46F5)
YUV	129.4180, 56.9819, 63.6544
Hunter-Lab	48.5072, 73.4525, -74.4135

Details

The Hex color **CA46F5** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **71F546**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF81FF**, and **8F00BC** is the 20% darker color. If you saturate the color by 10%, you get **C42EF5**, and if you desaturate by 10%, it is **D05EF5**.

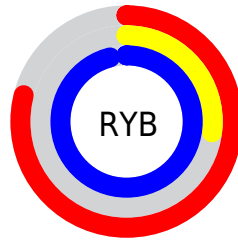
Distribution



Red (79%)

Green (27%)

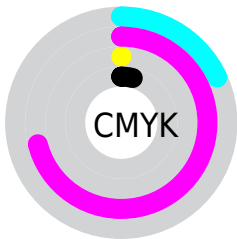
Blue (96%)



Red (79%)

Yellow (27%)

Blue (96%)

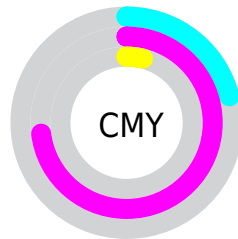


Cyan (18%)

Magenta (71%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (73%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA46F5 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 CA46F5 by changing the saturation by 10% instead.

 CA46F5

 CA46F5

FFFFFF

 AC23D8

 FF81FF

 8F00BC

 FF9EFF

 7200A0

 FFBBFF

 550085

 FFD8FF

 38006B

 FFF6FF

 180052

 00003A

 000223

 00000A

■ CA46F5

■ CA46F5

■ C42EF5

■ D05EF5

■ BE15F5

■ D677F5

■ B900F5

■ DC8FF5

■ E2A8F5

■ E8C1F5

■ EED9F5

■ F4F2F5

■ FAFFF5

■ FFFFF5

Harmonies

Analogous

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



007CFF



CA46F5



FF00A6

Triad

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



CA46F5



BA7800



00A7BE

Complementary

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



CA46F5



71F546

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.



00A564



CA46F5



6C9200

Square

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



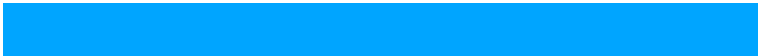
CA46F5



F34700



009F00



00A5FF

Rectangle

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



CA46F5



FF006D



009F00



00A7A1

Sweetspot

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



CA46F5



F2C9FF



4672F5



786080



000000



808080

Same Dimension

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



CA46F5



C924FF



F546C9



776E7A



8C00BA



2C003B

Inverse Universe

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



F54671



FF245A



46F572



7A6E71



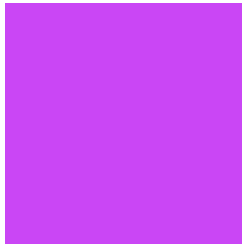
BA002E



3B000E

Previews

White Background



This preview shows how the Hex color CA46F5 looks on a white background.

Color Contrast Check

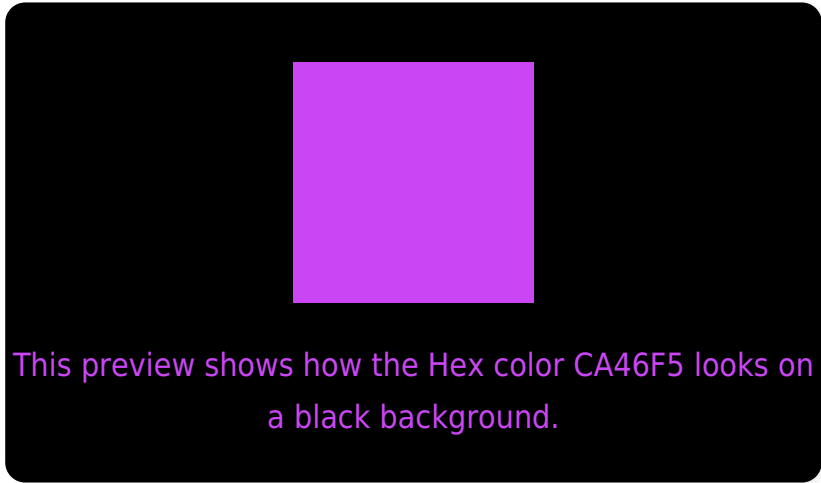
Large Text (above 18pt) WCAG AA ✓ Pass

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

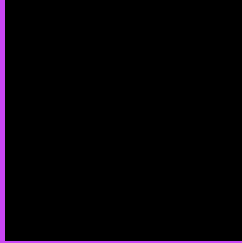
Any Text WCAG AA ✓ Pass

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 CA46F5 Background



This preview shows how black text looks on a background with the Hex color CA46F5.

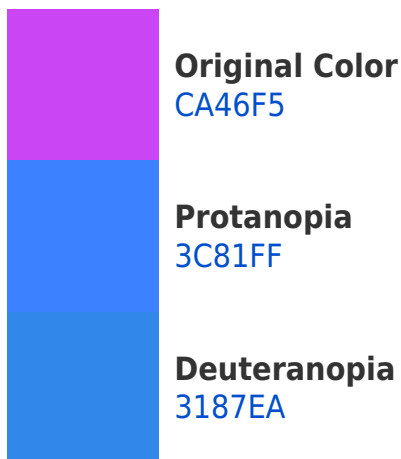


This preview shows how white text looks on a background with the Hex color CA46F5.

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
B87179

Trichromacy



Original Color
CA46F5



Protanomaly
706CFB



Deuteranomaly
696FEE



Tritanomaly
BF61A6

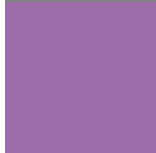
Monochromacy



Original Color
CA46F5



Achromatopsia
818181



Achromatomaly
9C6CAB

CSS Examples

Text

The CSS property to change the color of the text to Hex CA46F5 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 #CA46F5 looks like.

```
.text, #text, p{  
    color:#CA46F5  
}
```

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 #CA46F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA46F5
}
```

Border

The CSS property to change the border of an element to Hex CA46F5 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
#CA46F5 }
```

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

```
.border{ border-color:#CA46F5 }
```

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

Here you see how a box with a 4 pixel #CA46F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA46F5; -webkit-box-shadow:4px 4px  
4px 4px #CA46F5; box-shadow:4px 4px 4px  
4px #CA46F5 }
```

Background

The CSS property to change the background color of an element to Hex CA46F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA46F5 }
```

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

```
.background{ background-color:#CA46F5 }
```

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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