

Converting Colors

Hex(CA5CEB)

Have a look what the booklet for
Hex(CA5CEB) contains.

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Color

Hex(CA5CEB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CA5CEB |
| RGB | 202, 92, 235 |
| RGB Percent | 79%, 36%, 92% |
| CMY | 0.2078, 0.6392, 0.0784 |
| CMYK | 0.14, 0.61, 0.00, 0.08 |
| HSL | 286°, 78%, 64% |
| HSV | 286°, 61%, 92% |
| XYZ | 43.1797, 26.2090, 81.3803 |
| YIQ | 141.1920, 19.6570, 67.7930 |

Conversions

Conversions Part 2

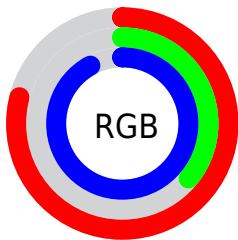
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 92, 235 |
| Decimal | 13262059 |
| CIE Lab | 58.23, 64.39, -53.51 |
| CIE LCh | 58, 83.725, 320.273 |
| Yxy | 26.2090, 0.2864, 0.1738 |
| Android (android.graphics.Color) | 4291452139 (0xFFCA5CEB) |
| YUV | 141.1920, 46.2473, 53.3286 |
| Hunter-Lab | 51.1947, 60.9632, -58.4124 |

Details

The Hex color **CA5CEB** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **7DEB5C**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF94FF**, and **9020B2** is the 20% darker color. If you saturate the color by 10%, you get **C545EB**, and if you desaturate by 10%, it is **CF73EB**.

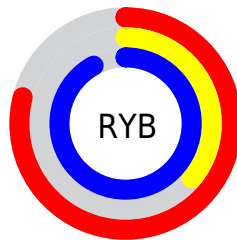
Distribution



Red (79%)

Green (36%)

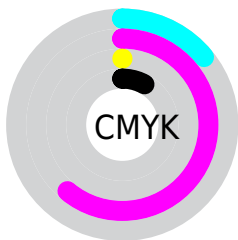
Blue (92%)



Red (79%)

Yellow (36%)

Blue (92%)

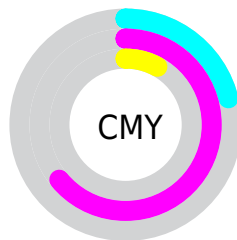


Cyan (14%)

Magenta (61%)

Yellow (0%)

Black (8%)



Cyan (21%)

Magenta (64%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA5CEB 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 CA5CEB by changing the saturation by 10% instead.

 CA5CEB

 CA5CEB

FFFFFF

 AD40CE

 FF94FF

 9020B2

 FFB0FF

 740097

 FFCDFD

 58007D

 FFEAFF

 3C0063

 23004A

 000033

 00021C

 000000

CA5CEB

CA5CEB

C545EB

CF73EB

BF2DEB

D58BEB

BA15EB

DAA3EB

B500EB

E0BAEB

E5D2EB

EBE9EB

F0FFEB

F5FFEB

FBFFEB

Harmonies

Analogous

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



3D83FF



CA5CEB



FF2EA7

Triad

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



CA5CEB



BD8000



00ABBD

Complementary

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



CA5CEB



7DEB5C

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.



00AA71



CA5CEB



7A9700

Square

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



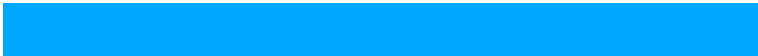
CA5CEB



EF5D11



00A41E



00A8FD

Rectangle

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



CA5CEB



FF2776



00A41E



00ABA4

Sweetspot

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



CA5CEB



F4D1FF



5C7DEB



796380



000000



808080

Same Dimension

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



CA5CEB



D445FF



EB5CC5



736A75



8B00B5



290036

Inverse Universe

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



EB5C7D



FF4570



5CEB82



756A6C



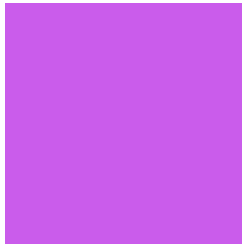
B5002A



36000C

Previews

White Background



This preview shows how the Hex color CA5CEB looks on a white background.

Color Contrast Check

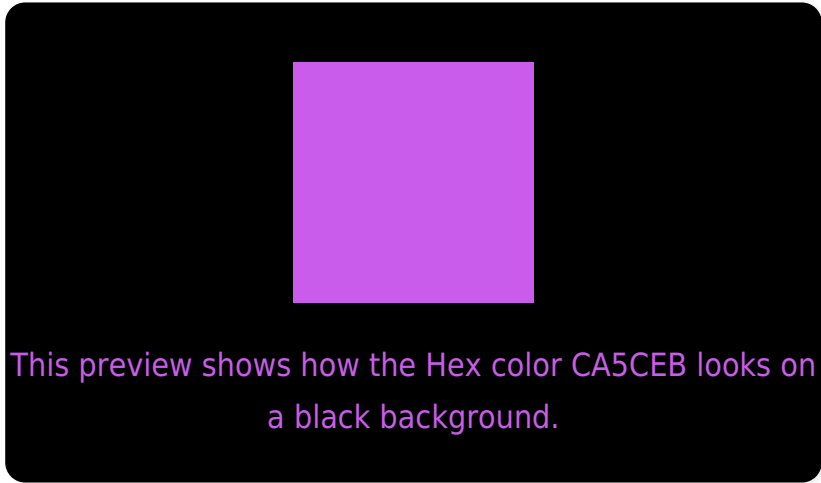
Large Text (above 18pt) WCAG AA ✓ Pass

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

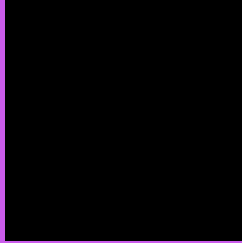
Any Text WCAG AA ✓ Pass

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 CA5CEB Background



This preview shows how black text looks on a background with the Hex color CA5CEB.

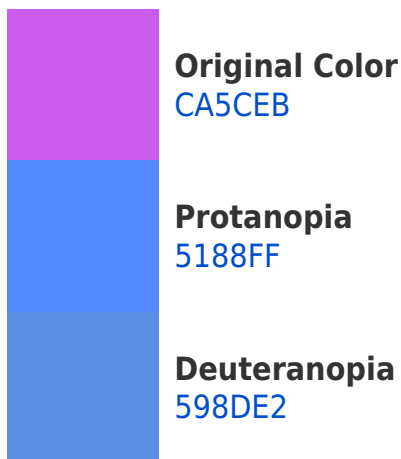



This preview shows how white text looks on a background with the Hex color CA5CEB.

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](#).

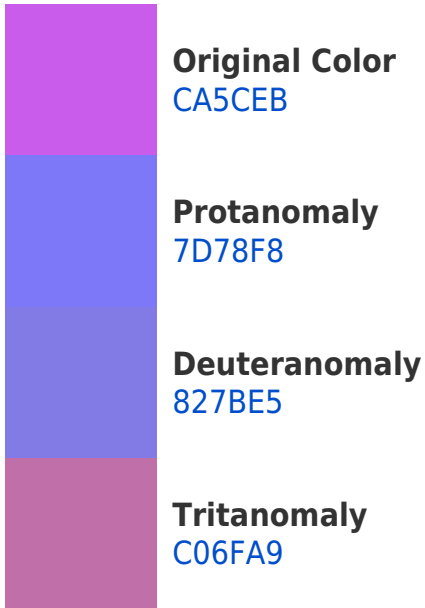
Dichromacy



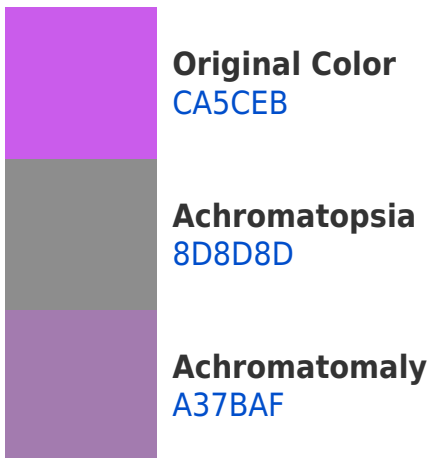


Tritanopia
BB7A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA5CEB 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 #CA5CEB looks like.

```
.text, #text, p{  
    color:#CA5CEB  
}
```

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 #CA5CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA5CEB
}
```

Border

The CSS property to change the border of an element to Hex CA5CEB 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
#CA5CEB }
```

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

```
.border{ border-color:#CA5CEB }
```

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

Here you see how a box with a 4 pixel #CA5CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA5CEB; -webkit-box-shadow:4px 4px  
4px 4px #CA5CEB; box-shadow:4px 4px 4px  
4px #CA5CEB }
```

Background

The CSS property to change the background color of an element to Hex CA5CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA5CEB }
```

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

```
.background{ background-color:#CA5CEB }
```

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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