

Converting Colors

Hex(C95FEB)

Have a look what the booklet for
Hex(C95FEB) contains.

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Color

Hex(C95FEB)

Conversions

Conversions Part 1

Format	Color
Hex	C95FEB
RGB	201, 95, 235
RGB Percent	79%, 37%, 92%
CMY	0.2118, 0.6275, 0.0784
CMYK	0.14, 0.60, 0.00, 0.08
HSL	285°, 78%, 65%
HSV	285°, 60%, 92%
XYZ	43.1750, 26.6001, 81.4560
YIQ	142.6540, 18.2360, 66.0120

Conversions

Conversions Part 2

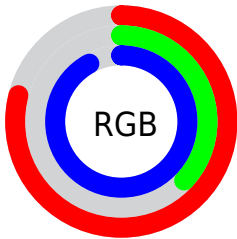
Format	Color
R_{YB}	201, 95, 235
Decimal	13197291
CIE _{Lab}	58.60, 62.80, -52.93
CIE _{LCh}	59, 82.130, 319.870
Yxy	26.6001, 0.2855, 0.1759
Android (android.graphics.Color)	4291387371 (0xFFC95FEB)
YUV	142.6540, 45.5266, 51.1694
Hunter-Lab	51.5753, 59.1703, -57.5377

Details

The Hex color **C95FEB** 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 **81EB5F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF96FF**, and **9025B2** is the 20% darker color. If you saturate the color by 10%, you get **C347EB**, and if you desaturate by 10%, it is **CF76EB**.

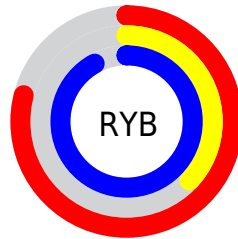
Distribution



Red (79%)

Green (37%)

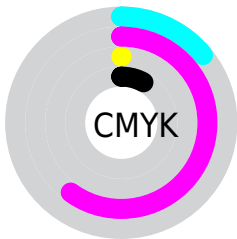
Blue (92%)



Red (79%)

Yellow (37%)

Blue (92%)

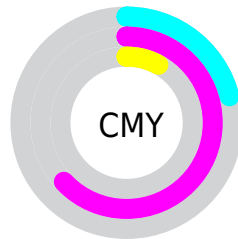


Cyan (14%)

Magenta (60%)

Yellow (0%)

Black (8%)



Cyan (21%)

Magenta (63%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color C95FEB 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 C95FEB by changing the saturation by 10% instead.

 C95FEB

 C95FEB

FFFFFF

 AC43CE

 FF96FF

 9025B2

 FFB3FF

 730097

 FFCFFF

 58007D

 FFEDFF

 3C0063

 23004A

 000033

 00021C

 000000

 C95FEB

 C95FEB

 C347EB

 CF76EB

 BE30EB

 D48EEB

 B818EB

 DAA6EB

 B201EB

 E0BDEB

 B200EB

 E6D4EB

 EBEC EB

 F1FF EB

 F7FF EB

 FCFF EB

Harmonies

Analogous

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



4085FF



C95FEB



FF35A9

Triad

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



C95FEB



BF8100



00ACBC

Complementary

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



C95FEB



81EB5F

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.



00AB71



C95FEB



7D9800

Square

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



C95FEB



EF5F18



00A521



00A9FB

Rectangle

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



C95FEB



FF2E79



00A521



00ACA4

Sweetspot

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



C95FEB



F4D1FF



5F82EB



796380



000000



808080

Same Dimension

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



C95FEB



D34AFF



EB5FC8



726A75



8900B5



290036

Inverse Universe

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



EB5F81



FF4A76



5FEB82



756A6C



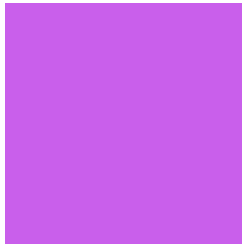
B5002C



36000D

Previews

White Background



This preview shows how the Hex color C95FEB looks on a white background.

Color Contrast Check

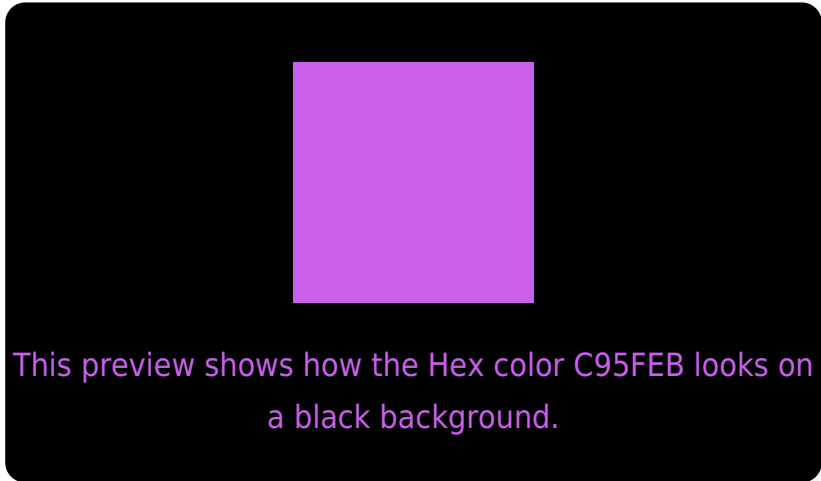
Large Text (above 18pt) WCAG AA ✓ Pass

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

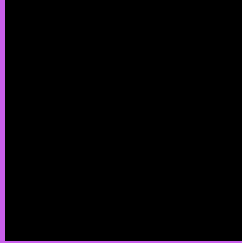
Any Text WCAG AA ✓ Pass

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 C95FEB Background



This preview shows how black text looks on a background with the Hex color C95FEB.

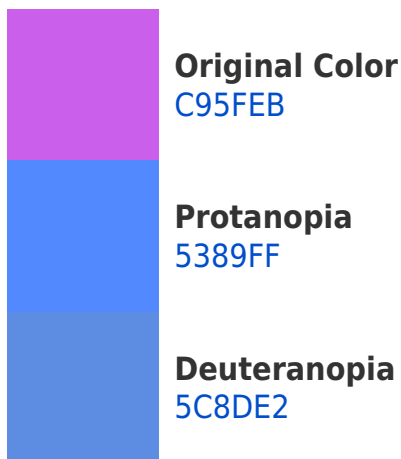


This preview shows how white text looks on a background with the Hex color C95FEB.

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
BA7B85

Trichromacy



Original Color
C95FEB



Protanomaly
7E7AF8



Deuteranomaly
847CE5



Tritanomaly
BF71AA

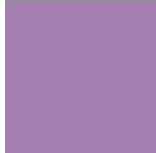
Monochromacy



Original Color
C95FEB



Achromatopsia
8F8F8F



Achromatomaly
A47EB0

CSS Examples

Text

The CSS property to change the color of the text to Hex C95FEB 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 #C95FEB looks like.

```
.text, #text, p{  
    color:#C95FEB  
}
```

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 #C95FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C95FEB
}
```

Border

The CSS property to change the border of an element to Hex C95FEB 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
#C95FEB }
```

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

```
.border{ border-color:#C95FEB }
```

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

Here you see how a box with a 4 pixel #C95FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C95FEB; -webkit-box-shadow:4px 4px  
4px 4px #C95FEB; box-shadow:4px 4px 4px  
4px #C95FEB }
```

Background

The CSS property to change the background color of an element to Hex C95FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C95FEB }
```

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

```
.background{ background-color:#C95FEB }
```

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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