

Converting Colors

Hex(C93EF0)

Have a look what the booklet for
Hex(C93EF0) contains.

Hex(C93EF0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C93EF0)

Conversions

Conversions Part 1

Format	Color
Hex	C93EF0
RGB	201, 62, 240
RGB Percent	79%, 24%, 94%
CMY	0.2118, 0.7569, 0.0588
CMYK	0.16, 0.74, 0.00, 0.06
HSL	287°, 86%, 59%
HSV	287°, 74%, 94%
XYZ	41.5382, 22.1540, 84.5249
YIQ	123.8530, 25.7060, 84.8260

Conversions

Conversions Part 2

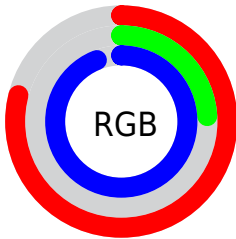
Format	Color
R _Y B	201, 62, 240
Decimal	13188848
CIE Lab	54.19, 76.89, -62.79
CIE LCh	54, 99.276, 320.764
Yxy	22.1540, 0.2803, 0.1495
Android (android.graphics.Color)	4291378928 (0xFFC93EF0)
YUV	123.8530, 57.2605, 67.6579
Hunter-Lab	47.0681, 75.1595, -73.5255

Details

The Hex color **C93EF0** 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 **65F03E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7BFF**, and **8E00B7** is the 20% darker color. If you saturate the color by 10%, you get **C426F0**, and if you desaturate by 10%, it is **CE56F0**.

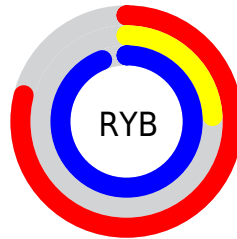
Distribution



Red (79%)

Green (24%)

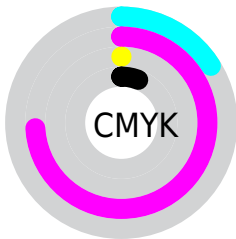
Blue (94%)



Red (79%)

Yellow (24%)

Blue (94%)

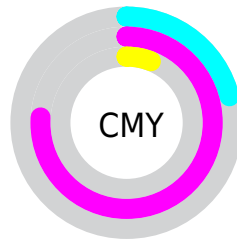


Cyan (16%)

Magenta (74%)

Yellow (0%)

Black (6%)



Cyan (21%)

Magenta (76%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color C93EF0 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 C93EF0 by changing the saturation by 10% instead.

 C93EF0

 C93EF0

FFFFFF

 AB16D3

 FF7BFF

 8E00B7

 FF98FF

 71009B

 FFB5FF

 540081

 FFD2FF

 370067

 FFF0FF

 16004E

 000036

 00021F

 000003

 C93EF0

 C93EF0

 C426F0

 CE56F0

 BE0EF0

 D46EF0

 BB00F0

 D986F0

 DE9EF0

 E3B6F0

 E9CEF0

 EEE6F0

 F3FEF0

 F8FFF0

Harmonies

Analogous

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



0078FF



C93EF0



FF00A0

Triad

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



C93EF0



B47500



00A4BD

Complementary

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



C93EF0



65F03E

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.



00A263



C93EF0



658F00

Square

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



C93EF0



EE4300



009C00



00A1FF

Rectangle

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



C93EF0



FF0067



009C00



00A3A0

Sweetspot

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



C93EF0



F3C7FF



3E68F0



785E80



000000



808080

Same Dimension

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



C93EF0



CD1CFF



F03EC1



756C78



8F00B8



2C0038

Inverse Universe

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



F03E65



FF1C4E



3EF06D



786C6E



B80028



38000C

Previews

White Background



This preview shows how the Hex color C93EF0 looks on a white background.

Color Contrast Check

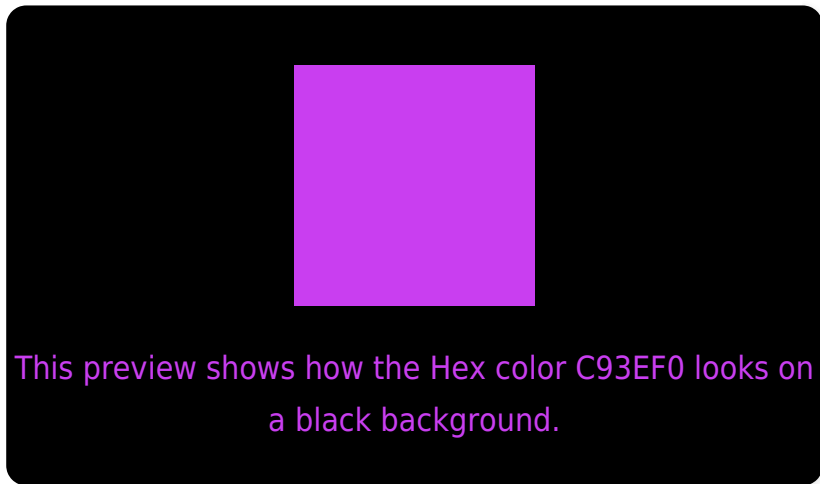
Large Text (above 18pt) WCAG AA ✓ Pass

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

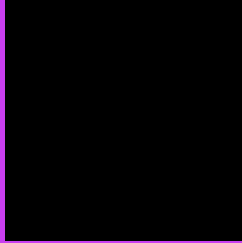
Any Text WCAG AA ✓ Pass

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 C93EF0 Background



This preview shows how black text looks on a background with the Hex color C93EF0.

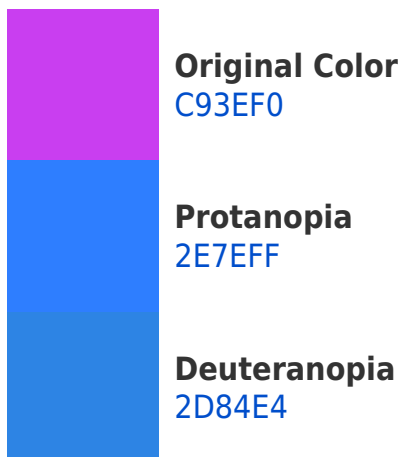



This preview shows how white text looks on a background with the Hex color C93EF0.

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](#).

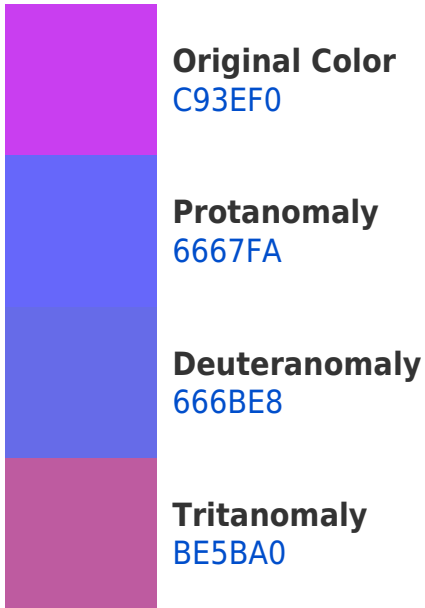
Dichromacy





Tritanopia
B86B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C93EF0 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 #C93EF0 looks like.

```
.text, #text, p{  
    color:#C93EF0  
}
```

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 #C93EF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C93EF0
}
```

Border

The CSS property to change the border of an element to Hex C93EF0 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
#C93EF0 }
```

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

```
.border{ border-color:#C93EF0 }
```

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

Here you see how a box with a 4 pixel #C93EF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C93EF0; -webkit-box-shadow:4px 4px  
4px 4px #C93EF0; box-shadow:4px 4px 4px  
4px #C93EF0 }
```

Background

The CSS property to change the background color of an element to Hex C93EF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C93EF0 }
```

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

```
.background{ background-color:#C93EF0 }
```

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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