

Converting Colors

Hex(E83CF4)

Have a look what the booklet for
Hex(E83CF4) contains.

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Color

Hex(E83CF4)

Conversions

Conversions Part 1

Format	Color
Hex	E83CF4
RGB	232, 60, 244
RGB Percent	91%, 24%, 96%
CMY	0.0902, 0.7647, 0.0431
CMYK	0.05, 0.75, 0.00, 0.04
HSL	296°, 89%, 60%
HSV	296°, 75%, 96%
XYZ	51.2237, 26.9192, 88.0841
YIQ	132.4040, 43.4480, 93.6880

Conversions

Conversions Part 2

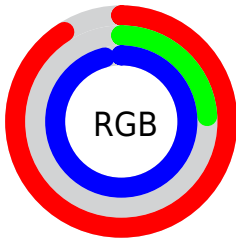
Format	Color
R _Y B	232, 60, 244
Decimal	15219956
CIE _{Lab}	58.90, 84.05, -57.22
CIE _{LCh}	59, 101.679, 325.755
Yxy	26.9192, 0.3082, 0.1619
Android (android.graphics.Color)	4293410036 (0xFFE83CF4)
YUV	132.4040, 55.0168, 87.3457
Hunter-Lab	51.8837, 85.4329, -64.3393

Details

The Hex color **E83CF4** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **48F43C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF7DFF**, and **AC00BB** is the 20% darker color. If you saturate the color by 10%, you get **E624F4**, and if you desaturate by 10%, it is **EA54F4**.

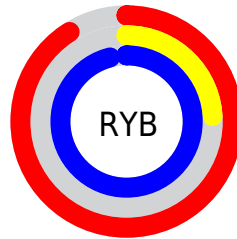
Distribution



Red (91%)

Green (24%)

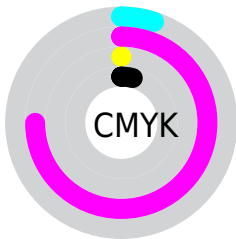
Blue (96%)



Red (91%)

Yellow (24%)

Blue (96%)

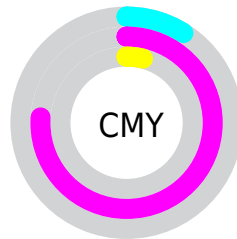


Cyan (5%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (76%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color E83CF4 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 E83CF4 by changing the saturation by 10% instead.

 E83CF4

 E83CF4

FFFFFF

 CA04D7

 FF7DFF

 AC00BB

 FF9BFF

 8E009F

 FFB9FF

 710084

 FFD7FF

 54006A

 FFF5FF

 3A0052

 190039

 000222

 000009

 E83CF4

 E83CF4

 E624F4

 EA54F4

 E50BF4

 EB6DF4

 E400F4

 ED85F4

 EE9EF4

 F0B6F4

 F2CEF4

 F3E7F4

 F5FFF4

 F6FFF4

Harmonies

Analogous

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



4D7CFF



E83CF4



FF009F

Triad

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



E83CF4



B78600



00B2DA

Complementary

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



E83CF4



48F43C

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.



00B07E



E83CF4



609F00

Square

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



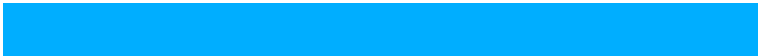
E83CF4



F75900



00AB0E



00AEFF

Rectangle

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



E83CF4



FF0064



00AB0E



00B2BC

Sweetspot

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



E83CF4



FBC4FF



3C48F4



7D5C80



000000



808080

Same Dimension

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



E83CF4



F019FF



F43CA4



7A6E7A



AE00BA



37003B

Inverse Universe

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



F43C48



FF1928



3CF48C



7A6E6F



BA000C



3B0004

Previews

White Background



This preview shows how the Hex color E83CF4 looks on a white background.

Color Contrast Check

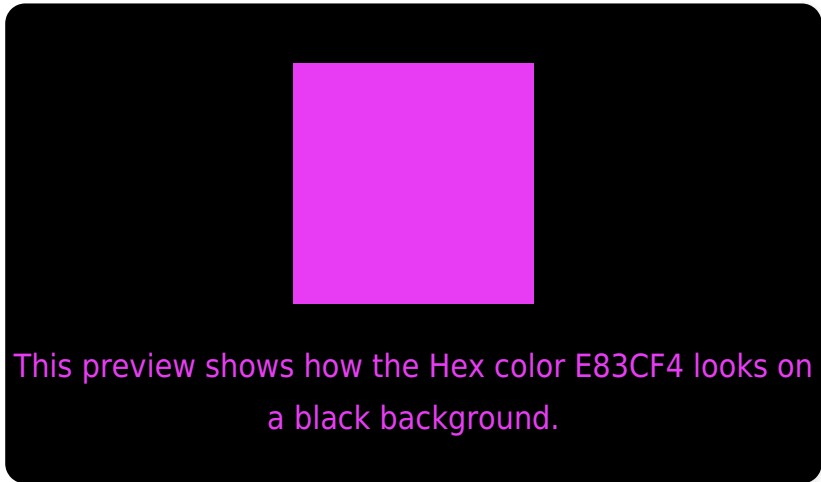
Large Text (above 18pt) WCAG AA ✓ Pass

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

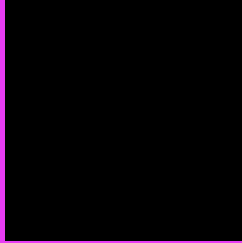
Any Text WCAG AA ✓ Pass

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 E83CF4 Background



This preview shows how black text looks on a background with the Hex color E83CF4.

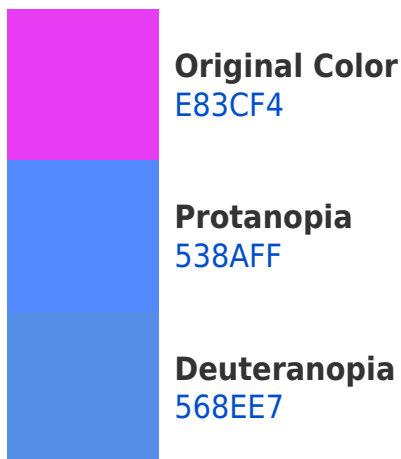


This preview shows how white text looks on a background with the Hex color E83CF4.

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
D96C74

Trichromacy



Original Color
E83CF4



Protanomaly
896EFB



Deuteranomaly
8B70EC



Tritanomaly
DE5BA3

Monochromacy



Original Color
E83CF4



Achromatopsia
848484



Achromatomaly
A86AAD

CSS Examples

Text

The CSS property to change the color of the text to Hex E83CF4 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 #E83CF4 looks like.

```
.text, #text, p{  
    color:#E83CF4  
}
```

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 #E83CF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83CF4
}
```

Border

The CSS property to change the border of an element to Hex E83CF4 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
#E83CF4 }
```

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

```
.border{ border-color:#E83CF4 }
```

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

Here you see how a box with a 4 pixel #E83CF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83CF4; -webkit-box-shadow:4px 4px  
4px 4px #E83CF4; box-shadow:4px 4px 4px  
4px #E83CF4 }
```

Background

The CSS property to change the background color of an element to Hex E83CF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83CF4 }
```

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

```
.background{ background-color:#E83CF4 }
```

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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