

Converting Colors

Hex(E83CE5)

Have a look what the booklet for
Hex(E83CE5) contains.

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Color

Hex(E83CE5)

Conversions

Conversions Part 1

Format	Color
Hex	E83CE5
RGB	232, 60, 229
RGB Percent	91%, 24%, 90%
CMY	0.0902, 0.7647, 0.1020
CMYK	0.00, 0.74, 0.01, 0.09
HSL	301°, 79%, 57%
HSV	301°, 74%, 91%
XYZ	49.0374, 26.0447, 76.5713
YIQ	130.6940, 48.2630, 89.0230

Conversions

Conversions Part 2

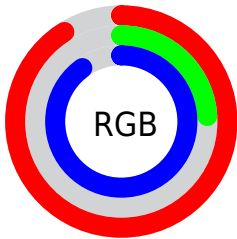
Format	Color
R _Y B	232, 60, 229
Decimal	15219941
CIE Lab	58.08, 81.71, -50.13
CIE LCh	58, 95.865, 328.470
Yxy	26.0447, 0.3234, 0.1717
Android (android.graphics.Color)	4293410021 (0xFFE83CE5)
YUV	130.6940, 48.4649, 88.8454
Hunter-Lab	51.0340, 82.2073, -53.2349

Details

The Hex color **E83CE5** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **3CE83F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF7CFF**, and **AC00AD** is the 20% darker color. If you saturate the color by 10%, you get **E825E5**, and if you desaturate by 10%, it is **E853E5**.

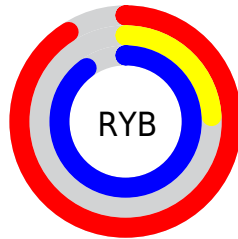
Distribution



Red (91%)

Green (24%)

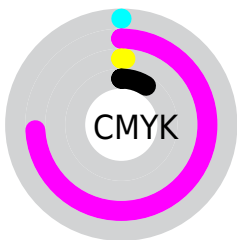
Blue (90%)



Red (91%)

Yellow (24%)

Blue (90%)

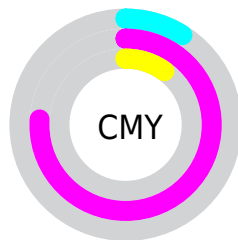


Cyan (0%)

Magenta (74%)

Yellow (1%)

Black (9%)



Cyan (9%)

Magenta (76%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color E83CE5 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 E83CE5 by changing the saturation by 10% instead.

 E83CE5

 E83CE5

FFFFFF

 CA06C9

 FF7CF5

 AC00AD

 FF9AFF

 8F0092

 FFB8FF

 720077

 FFD6FF

 55005E

 FFF4FF

 3B0046

 1C002E

 000118

 000000

 E83CE5

 E83CE5

 E825E5

 E853E5

 E80EE4

 E86AE6

 E800E4

 E882E6

 E899E7

 E8B0E7

 E8C7E7

 E8DEE8

 E8F6E8

 E8FFE9

Harmonies

Analogous

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



6C77FF



E83CE5



FF0094

Triad

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



E83CE5



AD8700



00AEDA

Complementary

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



E83CE5



3CE83F

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.



00AD85



E83CE5



599D00

Square

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



E83CE5



EC6000



00A826



00A9FF

Rectangle

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



E83CE5



FF005D



00A826



00AEBF

Sweetspot

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



E83CE5



FFC7FE



3F3CE8



805E7F



000000



808080

Same Dimension

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



E83CE5



FF1CFB



E83C8F



736773



B300AF



330032

Inverse Universe

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



E83CE5



FF1CFB



3CE895



736773



B300AF



330032

Previews

White Background



This preview shows how the Hex color E83CE5 looks on a white background.

Color Contrast Check

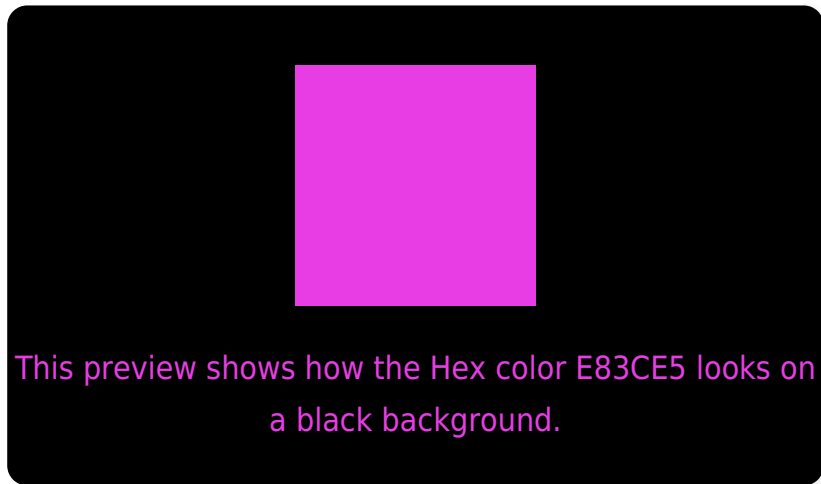
Large Text (above 18pt) WCAG AA ✓ Pass

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

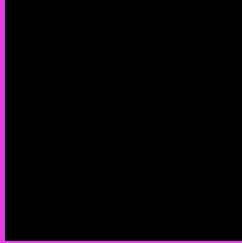
Any Text WCAG AA ✓ Pass

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 E83CE5 Background



This preview shows how black text looks on a background with the Hex color E83CE5.

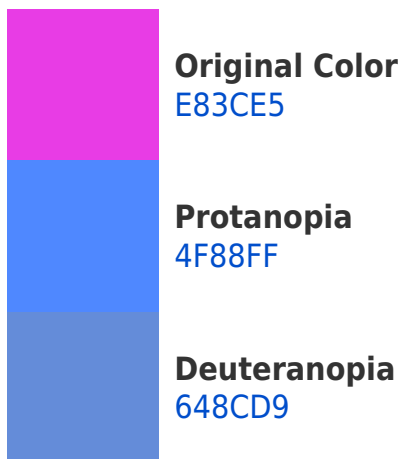


This preview shows how white text looks on a background with the Hex color E83CE5.

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](#).

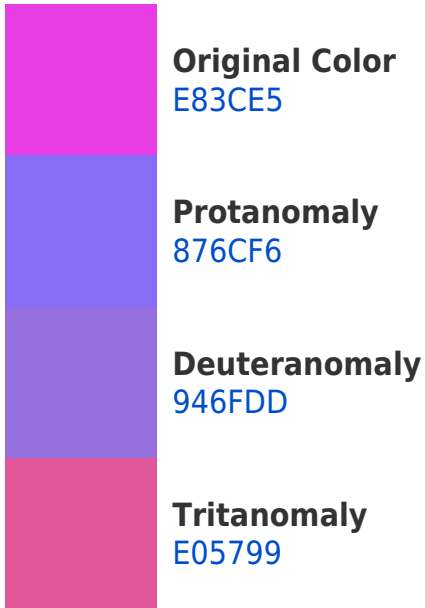
Dichromacy



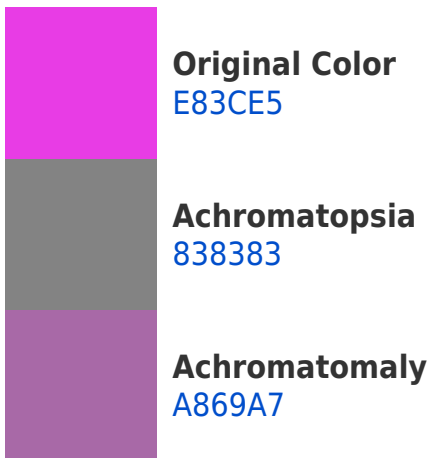


Tritanopia
DB676E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E83CE5 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 #E83CE5 looks like.

```
.text, #text, p{  
    color:#E83CE5  
}
```

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 #E83CE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83CE5
}
```

Border

The CSS property to change the border of an element to Hex E83CE5 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
#E83CE5 }
```

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

```
.border{ border-color:#E83CE5 }
```

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

Here you see how a box with a 4 pixel #E83CE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83CE5; -webkit-box-shadow:4px 4px  
4px 4px #E83CE5; box-shadow:4px 4px 4px  
4px #E83CE5 }
```

Background

The CSS property to change the background color of an element to Hex E83CE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83CE5 }
```

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

```
.background{ background-color:#E83CE5 }
```

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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