

# Converting Colors

Hex(E83CD2)

Have a look what the booklet for  
Hex(E83CD2) contains.

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# Color

Hex(E83CD2)

# Conversions

## Conversions Part 1

Format	Color
Hex	E83CD2
RGB	232, 60, 210
RGB Percent	91%, 24%, 82%
CMY	0.0902, 0.7647, 0.1765
CMYK	0.00, 0.74, 0.09, 0.09
HSL	308°, 79%, 57%
HSV	308°, 74%, 91%
XYZ	46.5274, 25.0407, 63.3538
YIQ	128.5280, 54.3620, 83.1140

# Conversions

## Conversions Part 2

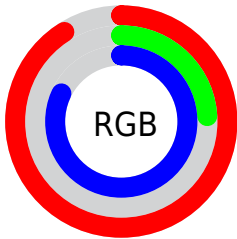
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 60, 210
Decimal	15219922
CIE Lab	57.12, 78.91, -40.91
CIE LCh	57, 88.881, 332.596
Yxy	25.0407, 0.3448, 0.1856
Android (android.graphics.Color)	4293410002 (0xFFE83CD2)
YUV	128.5280, 40.1657, 90.7449
Hunter-Lab	50.0406, 78.3969, -40.0355

# Details

The Hex color **E83CD2** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **3CE852**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF7CFF**, and **AC009B** is the 20% darker color. If you saturate the color by 10%, you get **E825CF**, and if you desaturate by 10%, it is **E853D5**.

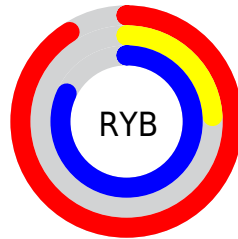
# Distribution



Red (91%)

Green (24%)

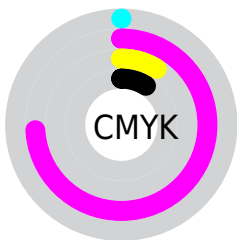
Blue (82%)



Red (91%)

Yellow (24%)

Blue (82%)

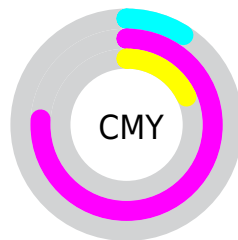


Cyan (0%)

Magenta (74%)

Yellow (9%)

Black (9%)



Cyan (9%)

Magenta (76%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E83CD2 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 E83CD2 by changing the saturation by 10% instead.



 E83CD2

 E83CD2

FFFFFF

 CA09B6

 FF7CFF

 AC009B

 FF99FF

 8F0080

 FFB7FF

 720067

 FFD5FF

 56004E

 FFF3FF

 3B0037

 1C0020

 000004

 000000

 E83CD2

 E83CD2

 E825CF

 E853D5

 E80ECC

 E86AD8

 E800CA

 E882DB

 E899DE

 E8B0E1

 E8C7E4

 E8DEE7

 E8F6EA

 E8FFED

# Harmonies

## Analogous

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



8770FF



E83CD2



FF0086

# Triad

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



E83CD2



A08800



00A9DB

# Complementary

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



E83CD2



3CE852

# 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.



00A98E



E83CD2



4E9B00

# Square

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



E83CD2



DD6800



00A53B



00A3FF

# Rectangle

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



E83CD2



FF1D53



00A53B



00AAC3



# Sweetspot

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



E83CD2



FFC7F8



503CE8



805E7B



000000



808080



# Same Dimension

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



E83CD2



FF1CE2



E83C7E



736771



B3009C



33002C



# Inverse Universe

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



E83CD2



FF1CE2



3CE8A6



736771



B3009C



33002C



# Previews

## White Background



This preview shows how the Hex color E83CD2 looks on a white background.

## Color Contrast Check

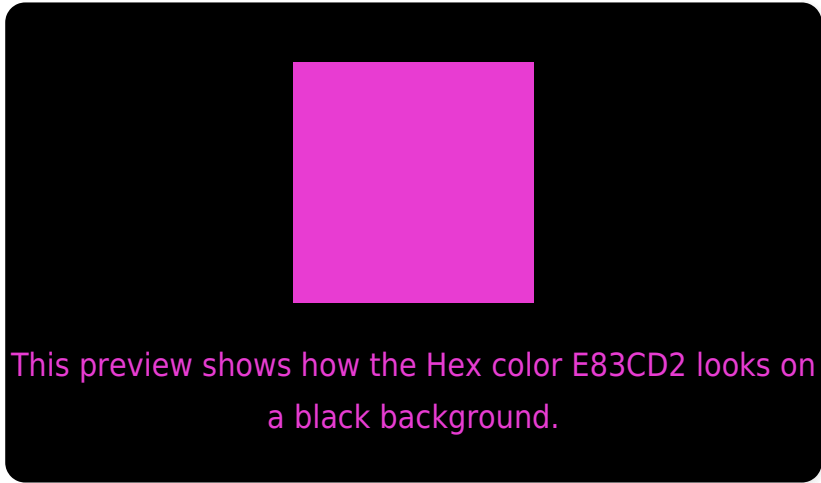
Large Text (above 18pt) WCAG AA ✓ Pass

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

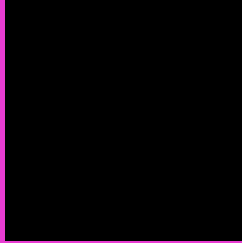
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E83CD2 Background



This preview shows how black text looks on a background with the Hex color E83CD2.



This preview shows how white text looks on a background with the Hex color E83CD2.

# 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





# Trichromacy



**Original Color**  
E83CD2



**Protanomaly**  
836BEF



**Deuteranomaly**  
9C6CCB



**Tritanomaly**  
E1548E

# Monochromacy



**Original Color**  
E83CD2



**Achromatopsia**  
818181



**Achromatomaly**  
A6689E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E83CD2 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 #E83CD2 looks like.

```
.text, #text, p{  
    color:#E83CD2  
}
```

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 #E83CD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83CD2
}
```

## Border

The CSS property to change the border of an element to Hex E83CD2 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
#E83CD2 }
```

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

```
.border{ border-color:#E83CD2 }
```

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

Here you see how a box with a 4 pixel #E83CD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83CD2; -webkit-box-shadow:4px 4px  
4px 4px #E83CD2; box-shadow:4px 4px 4px  
4px #E83CD2 }
```

# Background

The CSS property to change the background color of an element to Hex E83CD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83CD2 }
```

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

```
.background{ background-color:#E83CD2 }
```

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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