

# Converting Colors

Hex(E83381)

Have a look what the booklet for  
Hex(E83381) contains.

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**Color**

**Hex(E83381)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E83381
RGB	232, 51, 129
RGB Percent	91%, 20%, 51%
CMY	0.0902, 0.8000, 0.4941
CMYK	0.00, 0.78, 0.44, 0.09
HSL	334°, 80%, 55%
HSV	334°, 78%, 91%
XYZ	38.4250, 21.1084, 22.8180
YIQ	114.0110, 82.8380, 62.6300

# Conversions

## Conversions Part 2

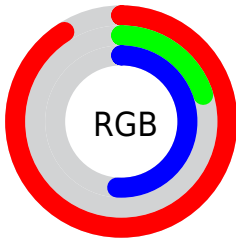
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 51, 129
Decimal	15217537
CIE <sub>Lab</sub>	53.07, 72.00, 0.29
CIE <sub>LCh</sub>	53, 72.004, 0.228
Yxy	21.1084, 0.4666, 0.2563
Android (android.graphics.Color)	4293407617 (0xFFE83381)
YUV	114.0110, 7.3896, 103.4764
Hunter-Lab	45.9439, 68.8858, 2.7144

# Details

The Hex color **E83381** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **33E89A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF73B6**, and **AA0050** is the 20% darker color. If you saturate the color by 10%, you get **E81C74**, and if you desaturate by 10%, it is **E84A8E**.

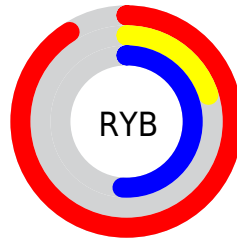
# Distribution



Red (91%)

Green (20%)

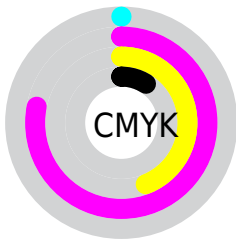
Blue (51%)



Red (91%)

Yellow (20%)

Blue (51%)

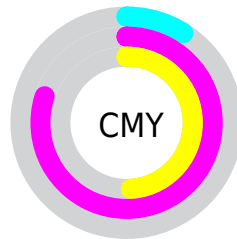


Cyan (0%)

Magenta (78%)

Yellow (44%)

Black (9%)



Cyan (9%)

Magenta (80%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E83381 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 E83381 by changing the saturation by 10% instead.



 E83381

 E83381

FFFFFF

 C90068

 FF73B6

 AA0050

 FF90D1

 8C0039

 FFAEED

 6E0024

 FFCCFF

 52000E

 FFE9FF

 340002

 000000

 E83381

 E83381

 E81C74

 E84A8E

 E80567

 E8619B

 E80064

 E879A9

 E890B6

 E8A7C3

 E8BED0

 E8D5DD

 E8EDEB

 E8FFF8

# Harmonies

## Analogous

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



C84CBD



E83381



E54344

# Triad

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



E83381



5B8D00



0094EA

# Complementary

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



E83381



33E89A

# 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.



009ABC



E83381



00963C

# Square

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



E83381



997C00



009A7D



0087FC

# Rectangle

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



E83381



D4581C



009A7D



0097DE



# Sweetspot

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



E83381



FFC4DE



9A33E8



805C6B



000000



808080



# Same Dimension

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



E83381



FF0F77



E83F33



73676C



B3004D



330016



# Inverse Universe

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



E83381



FF0F77



33DCE8



73676C



B3004D



330016



# Previews

## White Background



This preview shows how the Hex color E83381 looks on a white background.

## Color Contrast Check

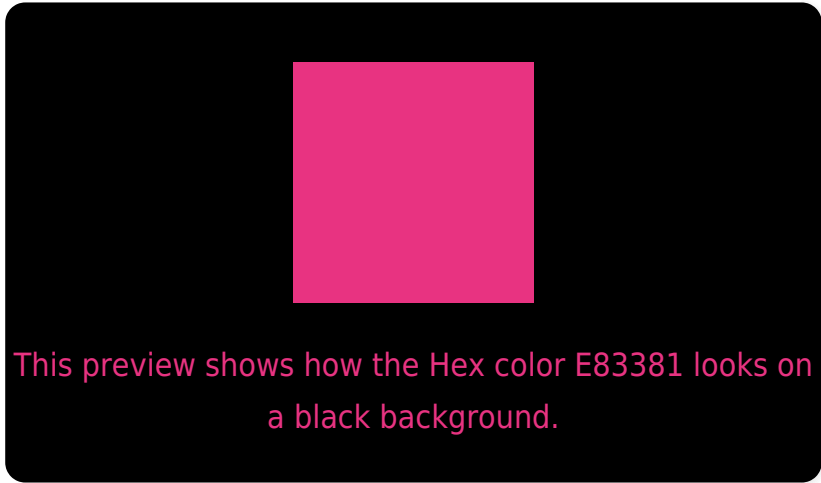
Large Text (above 18pt) WCAG AA ✓ Pass

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 E83381 Background



This preview shows how black text looks on a background with the Hex color E83381.



This preview shows how white text looks on a background with the Hex color E83381.

# 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



**Original Color**  
E83381

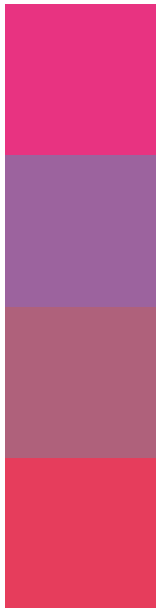
**Protanopia**  
717EAE

**Deuteranopia**  
8E7B78



**Tritanopia**  
E54347

# Trichromacy



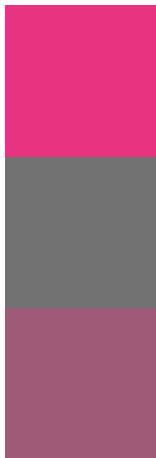
**Original Color**  
E83381

**Protanomaly**  
9C639E

**Deuteranomaly**  
AF617B

**Tritanomaly**  
E63D5C

# Monochromacy



**Original Color**  
E83381

**Achromatopsia**  
727272

**Achromatomaly**  
9D5B77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E83381 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 #E83381 looks like.

```
.text, #text, p{  
    color:#E83381  
}
```

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 #E83381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83381
}
```

## Border

The CSS property to change the border of an element to Hex E83381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

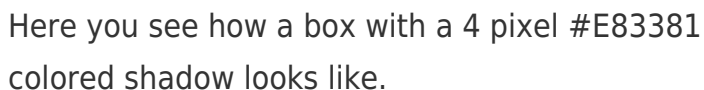
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E83381 }
```

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

```
.border{ border-color:#E83381 }
```

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



Here you see how a box with a 4 pixel #E83381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83381; -webkit-box-shadow:4px 4px  
4px 4px #E83381; box-shadow:4px 4px 4px  
4px #E83381 }
```

# Background

The CSS property to change the background color of an element to Hex E83381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83381 }
```

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

```
.background{ background-color:#E83381 }
```

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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