

# Converting Colors

Hex(E01083)

Have a look what the booklet for  
Hex(E01083) contains.

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**Color**

**Hex(E01083)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E01083
RGB	224, 16, 131
RGB Percent	88%, 6%, 51%
CMY	0.1216, 0.9373, 0.4863
CMYK	0.00, 0.93, 0.42, 0.12
HSL	327°, 87%, 47%
HSV	327°, 93%, 88%
XYZ	35.0225, 17.8566, 23.0735
YIQ	91.3020, 87.0530, 79.8610

# Conversions

## Conversions Part 2

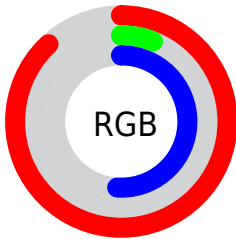
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 16, 131
Decimal	14684291
CIE <sub>Lab</sub>	49.32, 76.90, -6.61
CIE <sub>LCh</sub>	49, 77.184, 355.084
Yxy	17.8566, 0.4611, 0.2351
Android (android.graphics.Color)	4292874371 (0xFFE01083)
YUV	91.3020, 19.5711, 116.3761
Hunter-Lab	42.2570, 73.9904, -2.7940

# Details

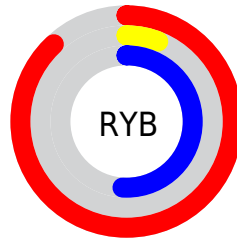
The Hex color **E01083** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **10E06D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF61B8**, and **A30052** is the 20% darker color. If you saturate the color by 10%, you get **E0007C**, and if you desaturate by 10%, it is **E0268D**.

# Distribution



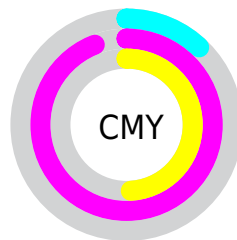
- Red (88%)
- Green (6%)
- Blue (51%)



- Red (88%)
- Yellow (6%)
- Blue (51%)



- Cyan (0%)
- Magenta (93%)
- Yellow (42%)
- Black (12%)



- Cyan (12%)
- Magenta (94%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E01083 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 E01083 by changing the saturation by 10% instead.



 E01083

 E01083

FFFFFF

 C1006A

 FF61B8

 A30052

 FF80D3

 84003B

 FF9DF0

 660025

 FFBBFF

 4B0010

 FFD9FF

 2B0001

 FFF8FF

 000000

 E01083

 E01083

 E0007C

 E0268D

 E03D97

 E053A1

 E06AAB

 E080B5

 E096BF

 E0ADC9

 E0C3D3

 E0DADD

# Harmonies

## Analogous

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



B742C1



E01083



E22443

# Triad

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



E01083



598200



008DE1

# Complementary

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



E01083



10E06D

# 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.



0091AB



E01083



008B20

# Square

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



E01083



986F00



009068



0081FA

# Rectangle

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



E01083



D24315



009068



008FD2



# Sweetspot

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



E01083



FFB8DF



6A10E0



80546C



000000



808080



# Same Dimension

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



E01083



FF008D



E0101E



70656B



B00061



30001B



# Inverse Universe

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



E01083



FF008D



10E0D2



70656B



B00061



30001B



# Previews

## White Background



This preview shows how the Hex color E01083 looks on a white 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

# 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 E01083 Background



This preview shows how black text looks on a background with the Hex color E01083.

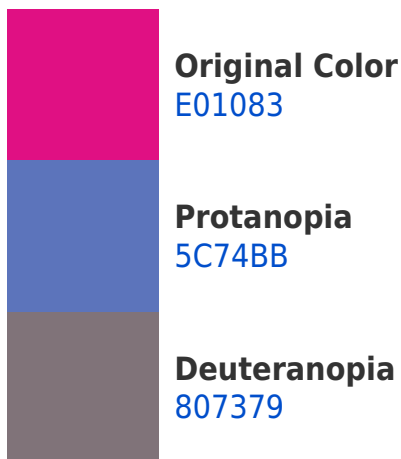


This preview shows how white text looks on a background with the Hex color E01083.

# 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**  
E01083



**Protanomaly**  
8C50A7



**Deuteranomaly**  
A34F7D

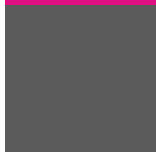


**Tritanomaly**  
DD2853

# Monochromacy



**Original Color**  
E01083



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
8B406A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E01083 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 #E01083 looks like.

```
.text, #text, p{  
  color:#E01083  
}
```

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 #E01083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01083
}
```

## Border

The CSS property to change the border of an element to Hex E01083 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
#E01083 }
```

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

```
.border{ border-color:#E01083 }
```

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

Here you see how a box with a 4 pixel #E01083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01083; -webkit-box-shadow:4px 4px  
4px 4px #E01083; box-shadow:4px 4px 4px  
4px #E01083 }
```

# Background

The CSS property to change the background color of an element to Hex E01083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01083 }
```

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

```
.background{ background-color:#E01083 }
```

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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