

# Converting Colors

Hex(E20075)

Have a look what the booklet for  
Hex(E20075) contains.

<b>Hex(E20075)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(E20075)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E20075
RGB	226, 0, 117
RGB Percent	89%, 0%, 46%
CMY	0.1137, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.48, 0.11
HSL	329°, 100%, 44%
HSV	329°, 100%, 89%
XYZ	34.5749, 17.4531, 18.3761
YIQ	80.9120, 97.1390, 84.2990

# Conversions

## Conversions Part 2

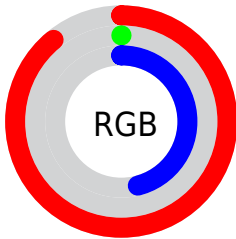
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	226, 0, 117
Decimal	14811253
CIE <sub>Lab</sub>	48.83, 77.50, 1.24
CIE <sub>LCh</sub>	49, 77.513, 0.919
Yxy	17.4531, 0.4911, 0.2479
Android (android.graphics.Color)	4293001333 (0xFFE20075)
YUV	80.9120, 17.7914, 127.2422
Hunter-Lab	41.7769, 74.6185, 3.1644

# Details

The Hex color **E20075** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **00E26D**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5DA9**, and **A40045** is the 20% darker color. If you saturate the color by 10%, you get **E20075**, and if you desaturate by 10%, it is **E21780**.

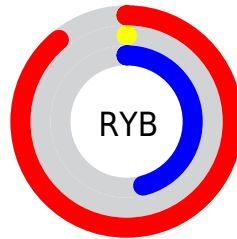
# Distribution



Red (89%)

Green (0%)

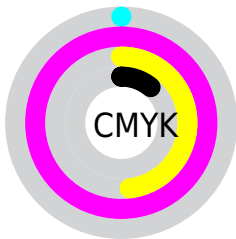
Blue (46%)



Red (89%)

Yellow (0%)

Blue (46%)

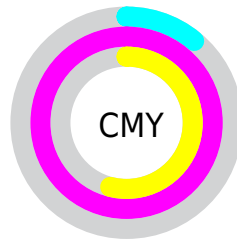


Cyan (0%)

Magenta (100%)

Yellow (48%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E20075 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 E20075 by changing the saturation by 10% instead.



 E20075

 E20075

FFFFFF

 C3005D

 FF5DA9

 A40045

 FF7CC4

 85002F

 FF9AE0

 67001B

 FFB8FC

 4B0004

 FFD6FF

 2A0001

 FFF5FF

 000000

 E20075

 E21780

 E22D8B

 E24496

 E25AA1

 E271AC

 E288B6

 E29EC1

 E2B5CC

 E2CBD7

# Harmonies

## Analogous

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



C137B5



E20075



DD2B35

# Triad

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



E20075



488300



008AE7

# Complementary

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



E20075



00E26D

# 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.



008FB6



E20075



008B2E

# Square

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



E20075



8B7200



008F74



007CF9

# Rectangle

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



E20075



CB4900



008F74



008DDA



# Sweetspot

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



E20075



FFB3DA



6900E2



805269



000000



808080



# Same Dimension

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



E20075



FF0084



E20008



70656B



B0005B



300019



# Inverse Universe

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



E20075



FF0084



00E2DA



70656B



B0005B



300019



# Previews

## White Background



This preview shows how the Hex color E20075 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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex E20075 Background



This preview shows how black text looks on a background with the Hex color E20075.

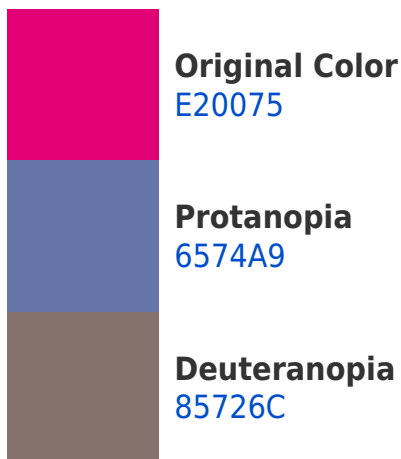


This preview shows how white text looks on a background with the Hex color E20075.

# 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**  
E20075



**Protanomaly**  
924A96



**Deuteranomaly**  
A7496F

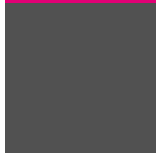


**Tritanomaly**  
E01D48

# Monochromacy



**Original Color**  
E20075



**Achromatopsia**  
515151



**Achromatomaly**  
86345E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E20075 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 #E20075 looks like.

```
.text, #text, p{  
    color:#E20075  
}
```

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 #E20075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E20075
}
```

## Border

The CSS property to change the border of an element to Hex E20075 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
#E20075 }
```

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

```
.border{ border-color:#E20075 }
```

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

Here you see how a box with a 4 pixel #E20075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E20075; -webkit-box-shadow:4px 4px  
4px 4px #E20075; box-shadow:4px 4px 4px  
4px #E20075 }
```

# Background

The CSS property to change the background color of an element to Hex E20075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E20075 }
```

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

```
.background{ background-color:#E20075 }
```

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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