

# Converting Colors

Hex(E71773)

Have a look what the booklet for  
Hex(E71773) contains.

<b>Hex(E71773)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E71773)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E71773
RGB	231, 23, 115
RGB Percent	91%, 9%, 45%
CMY	0.0941, 0.9098, 0.5490
CMYK	0.00, 0.90, 0.50, 0.09
HSL	333°, 82%, 50%
HSV	333°, 90%, 91%
XYZ	36.3559, 18.8395, 17.9399
YIQ	95.6800, 94.4360, 72.7080

# Conversions

## Conversions Part 2

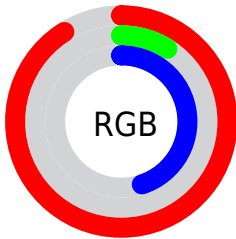
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 23, 115
Decimal	15144819
CIE Lab	50.50, 76.32, 5.01
CIE LCh	50, 76.483, 3.756
Yxy	18.8395, 0.4971, 0.2576
Android (android.graphics.Color)	4293334899 (0xFFE71773)
YUV	95.6800, 9.5248, 118.6756
Hunter-Lab	43.4045, 73.5549, 5.8775

# Details

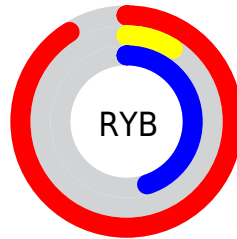
The Hex color **E71773** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **17E78B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF64A7**, and **A90043** is the 20% darker color. If you saturate the color by 10%, you get **E70066**, and if you desaturate by 10%, it is **E72E80**.

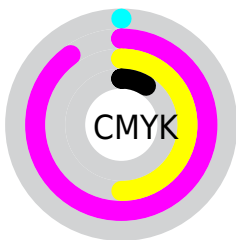
# Distribution



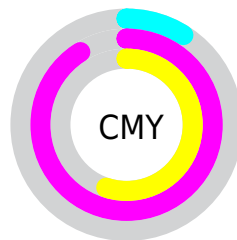
- Red (91%)
- Green (9%)
- Blue (45%)



- Red (91%)
- Yellow (9%)
- Blue (45%)



- Cyan (0%)
- Magenta (90%)
- Yellow (50%)
- Black (9%)



- Cyan (9%)
- Magenta (91%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E71773 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 E71773 by changing the saturation by 10% instead.



 E71773

 E71773

FFFFFF

 C8005B

 FF64A7

 A90043

 FF82C2

 8A002E

 FFA0DE

 6B001A

 FFBEFA

 4F0004

 FFD0FF

 2F0002

 FFFBFF

 000000

 E71773

 E71773

 E70066

 E72E80

 E7458D

 E75C9A

 E773A7

 E78BB3

 E7A2C0

 E7B9CD

 E7D0DA

 E7E7E7

# Harmonies

## Analogous

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



CA3AB3



E71773



E03834

# Triad

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



E71773



458800



008EEE

# Complementary

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



E71773



17E78B

# 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.



0093C0



E71773



00903A

# Square

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



E71773



8B7800



00947F



007EFC

# Rectangle

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



E71773



CC5200



00947F



0090E1



# Sweetspot

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



E71773



FFBAD9



8917E7



805769



000000



808080



# Same Dimension

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



E71773



FF0071



E72117



73676C



B3004F



330017



# Inverse Universe

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



E71773



FF0071



17DDE7



73676C



B3004F



330017



# Previews

## White Background



This preview shows how the Hex color E71773 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 E71773 Background



This preview shows how black text looks on a background with the Hex color E71773.

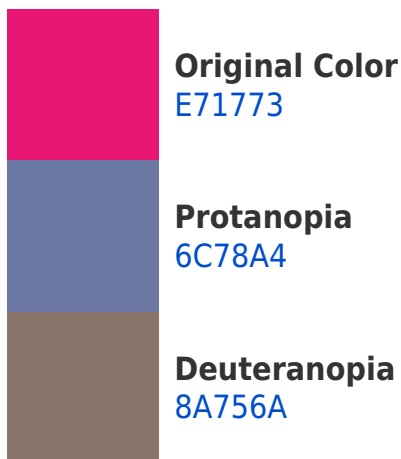


This preview shows how white text looks on a background with the Hex color E71773.

# 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**  
E43132

# Trichromacy



**Original Color**  
E71773



**Protanomaly**  
995592



**Deuteranomaly**  
AC536D



**Tritanomaly**  
E5284A

# Monochromacy



**Original Color**  
E71773



**Achromatopsia**  
606060



**Achromatomaly**  
914567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E71773 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 #E71773 looks like.

```
.text, #text, p{  
    color:#E71773  
}
```

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 #E71773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E71773
}
```

## Border

The CSS property to change the border of an element to Hex E71773 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
#E71773 }
```

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

```
.border{ border-color:#E71773 }
```

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

Here you see how a box with a 4 pixel #E71773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E71773; -webkit-box-shadow:4px 4px  
4px 4px #E71773; box-shadow:4px 4px 4px  
4px #E71773 }
```

# Background

The CSS property to change the background color of an element to Hex E71773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E71773 }
```

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

```
.background{ background-color:#E71773 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor