

# Converting Colors

Hex(E61777)

Have a look what the booklet for  
Hex(E61777) contains.

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**Color**

**Hex(E61777)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E61777
RGB	230, 23, 119
RGB Percent	90%, 9%, 47%
CMY	0.0980, 0.9098, 0.5333
CMYK	0.00, 0.90, 0.48, 0.10
HSL	332°, 82%, 50%
HSV	332°, 90%, 90%
XYZ	36.2693, 18.7677, 19.1637
YIQ	95.8370, 92.5560, 73.7400

# Conversions

## Conversions Part 2

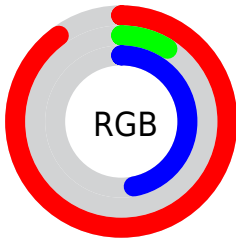
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 23, 119
Decimal	15079287
CIE Lab	50.41, 76.39, 2.43
CIE LCh	50, 76.433, 1.818
Yxy	18.7677, 0.4888, 0.2529
Android (android.graphics.Color)	4293269367 (0xFFE61777)
YUV	95.8370, 11.4194, 117.6610
Hunter-Lab	43.3217, 73.6288, 4.0978

# Details

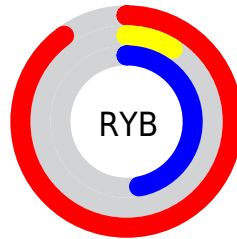
The Hex color **E61777** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **17E686**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF64AB**, and **A80047** is the 20% darker color. If you saturate the color by 10%, you get **E6006B**, and if you desaturate by 10%, it is **E62E83**.

# Distribution



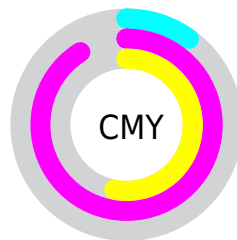
- Red (90%)
- Green (9%)
- Blue (47%)



- Red (90%)
- Yellow (9%)
- Blue (47%)



- Cyan (0%)
- Magenta (90%)
- Yellow (48%)
- Black (10%)



- Cyan (10%)
- Magenta (91%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E61777 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 E61777 by changing the saturation by 10% instead.



 E61777

 E61777

FFFFFF

 C7005E

 FF64AB

 A80047

 FF82C6

 890031

 FFA0E2

 6B001D

 FFBEFF

 4F0004

 FFDCFF

 2E0002

 FFFBFF

 000000

 E61777

 E61777

 E6006B

 E62E83

 E64590

 E65C9C

 E673A8

 E68AB5

 E6A1C1

 E6B8CD

 E6CFDA

 E6E6E6

# Harmonies

## Analogous

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



C73CB7



E61777



E13537

# Triad

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



E61777



4B8700



008EEB

# Complementary

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



E61777



17E686

# 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.



0093BC



E61777



009035

# Square

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



E61777



8E7700



00937A



0080FC

# Rectangle

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



E61777



CE5002



00937A



0091DE



# Sweetspot

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



E61777



FFBADA



8517E6



80576A



000000



808080



# Same Dimension

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



E61777



FF0076



E61E17



73676D



B30053



330018



# Inverse Universe

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



E61777



FF0076



17DFE6



73676D



B30053



330018



# Previews

## White Background



This preview shows how the Hex color E61777 looks on a white background.

## Color Contrast Check

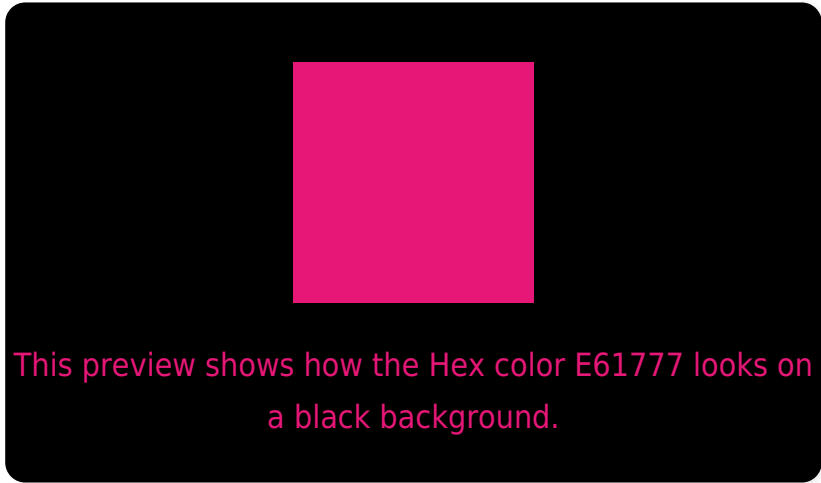
Large Text (above 18pt) WCAG AA ✓ Pass

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 E61777 Background



This preview shows how black text looks on a background with the Hex color E61777.

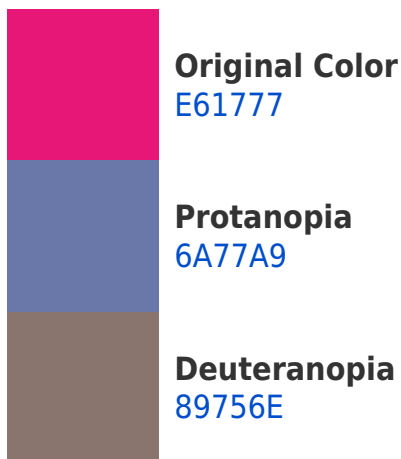



This preview shows how white text looks on a background with the Hex color E61777.

# 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**  
E33334

# Trichromacy



**Original Color**  
E61777



**Protanomaly**  
975497



**Deuteranomaly**  
AB5371



**Tritanomaly**  
E4294C

# Monochromacy



**Original Color**  
E61777



**Achromatopsia**  
606060



**Achromatomaly**  
914568

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E61777 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 #E61777 looks like.

```
.text, #text, p{  
    color:#E61777  
}
```

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 #E61777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E61777 }  
}
```

## Border

The CSS property to change the border of an element to Hex E61777 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 #E61777 }  
}
```

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

```
.border{ border-color:#E61777 }
```

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

Here you see how a box with a 4 pixel #E61777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E61777; -webkit-box-shadow:4px 4px  
4px 4px #E61777; box-shadow:4px 4px 4px  
4px #E61777 }
```

# Background

The CSS property to change the background color of an element to Hex E61777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E61777 }
```

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

```
.background{ background-color:#E61777 }
```

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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