

# Converting Colors

Hex(E61B96)

Have a look what the booklet for  
Hex(E61B96) contains.

<b>Hex(E61B96)</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(E61B96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E61B96
RGB	230, 27, 150
RGB Percent	90%, 11%, 59%
CMY	0.0980, 0.8941, 0.4118
CMYK	0.00, 0.88, 0.35, 0.10
HSL	324°, 80%, 50%
HSV	324°, 88%, 90%
XYZ	38.5301, 19.8089, 30.6469
YIQ	101.7190, 81.5050, 81.2890

# Conversions

## Conversions Part 2

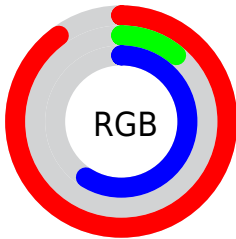
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">230, 27, 150</a>
Decimal	<a href="#">15080342</a>
CIELab	<a href="#">51.62, 78.58, -14.48</a>
CIELCh	<a href="#">52, 79.904, 349.557</a>
Yxy	<a href="#">19.8089, 0.4330, 0.2226</a>
Android (android.graphics.Color)	<a href="#">4293270422 (0xFFE61B96)</a>
YUV	<a href="#">101.7190, 23.8025, 112.5024</a>
Hunter-Lab	<a href="#">44.5072, 76.6409, -9.6711</a>

# Details

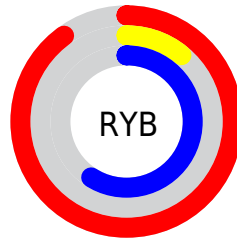
The Hex color **E61B96** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **1BE66B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF67CC**, and **A90063** is the 20% darker color. If you saturate the color by 10%, you get **E6048D**, and if you desaturate by 10%, it is **E6329F**.

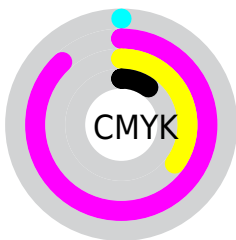
# Distribution



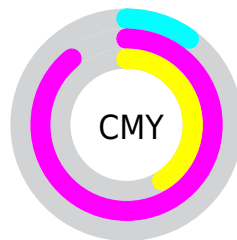
- Red (90%)
- Green (11%)
- Blue (59%)



- Red (90%)
- Yellow (11%)
- Blue (59%)



- Cyan (0%)
- Magenta (88%)
- Yellow (35%)
- Black (10%)



- Cyan (10%)
- Magenta (89%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E61B96 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 E61B96 by changing the saturation by 10% instead.



 E61B96

 E61B96

FFFFFF

 C7007C

 FF67CC

 A90063

 FF85E8

 8B004B

 FFA3FF

 6D0035

 FFC1FF

 510020

 FFDFFF

 340002

FFFEFF

 000000

 E61B96

 E61B96

 E6048D

 E6329F

 E6008B

 E649A8

 E660B1

 E677BA

 E68EC3

 E6A5CC

 E6BCD5

 E6D3DF

 E6EAE8

# Harmonies

## Analogous

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



B34ED5



E61B96



EF1D52

# Triad

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



E61B96



6B8500



0095E3

# Complementary

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



E61B96



1BE66B

# 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.



0098A7



E61B96



00910C

# Square

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



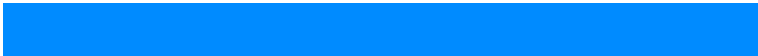
E61B96



A97000



009660



008BFF

# Rectangle

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



E61B96



E23E26



009660



0097D1



# Sweetspot

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



E61B96



FFBDE5



691BE6



805870



000000



808080



# Same Dimension

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



E61B96



FF009B



E61B33



73676E



B3006C



33001F



# Inverse Universe

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



E61B96



FF009B



1BE6CE



73676E



B3006C



33001F



# Previews

## White Background



This preview shows how the Hex color E61B96 looks on a white background.

## Color Contrast Check

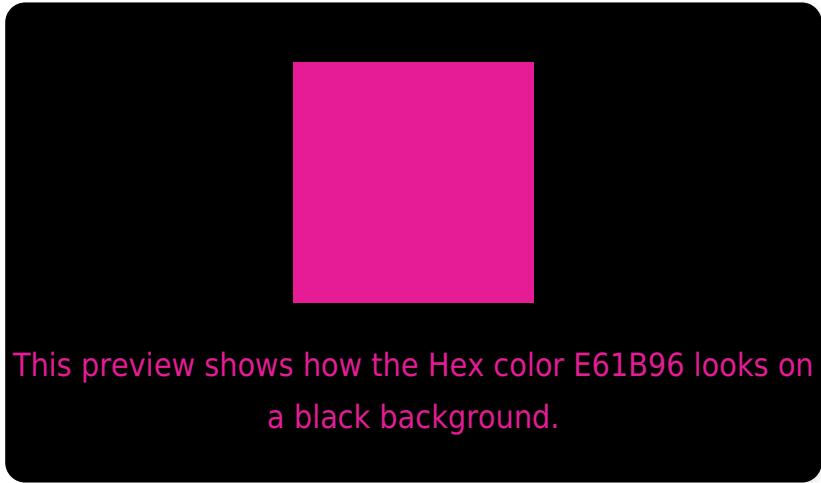
Large Text (above 18pt) WCAG AA ✓ Pass

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 E61B96 Background



This preview shows how black text looks on a background with the Hex color E61B96.

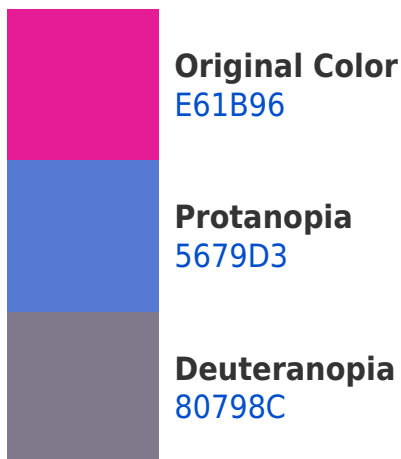


This preview shows how white text looks on a background with the Hex color E61B96.

# 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**  
E61B96



**Protanomaly**  
8A57BD



**Deuteranomaly**  
A55790



**Tritanomaly**  
E33261

# Monochromacy



**Original Color**  
E61B96



**Achromatopsia**  
666666



**Achromatomaly**  
954B77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E61B96 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 #E61B96 looks like.

```
.text, #text, p{  
    color:#E61B96  
}
```

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 #E61B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E61B96
}
```

## Border

The CSS property to change the border of an element to Hex E61B96 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
#E61B96 }
```

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

```
.border{ border-color:#E61B96 }
```

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

Here you see how a box with a 4 pixel #E61B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E61B96; -webkit-box-shadow:4px 4px  
4px 4px #E61B96; box-shadow:4px 4px 4px  
4px #E61B96 }
```

# Background

The CSS property to change the background color of an element to Hex E61B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E61B96 }
```

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

```
.background{ background-color:#E61B96 }
```

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**