

# Converting Colors

Hex(E957D5)

Have a look what the booklet for  
Hex(E957D5) contains.

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**Color**

**Hex(E957D5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E957D5
RGB	233, 87, 213
RGB Percent	91%, 34%, 84%
CMY	0.0863, 0.6588, 0.1647
CMYK	0.00, 0.63, 0.09, 0.09
HSL	308°, 77%, 63%
HSV	308°, 63%, 91%
XYZ	49.0227, 28.9441, 65.9538
YIQ	145.0180, 46.5700, 70.1380

# Conversions

## Conversions Part 2

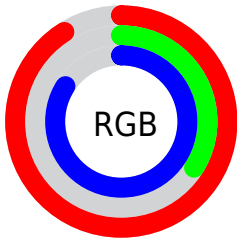
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	233, 87, 213
Decimal	15292373
CIE <sub>Lab</sub>	60.73, 70.24, -36.92
CIE <sub>LCh</sub>	61, 79.352, 332.269
Y <sub>xy</sub>	28.9441, 0.3406, 0.2011
Android (android.graphics.Color)	4293482453 (0xFFE957D5)
YUV	145.0180, 33.5151, 77.1602
Hunter-Lab	53.7997, 68.5009, -35.0245

# Details

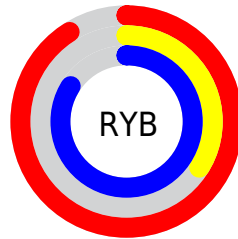
The Hex color **E957D5** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **57E96B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF91FF**, and **AE0B9E** is the 20% darker color. If you saturate the color by 10%, you get **E940D2**, and if you desaturate by 10%, it is **E96ED8**.

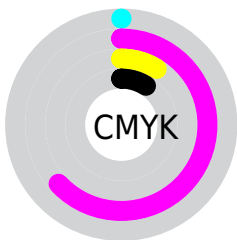
# Distribution



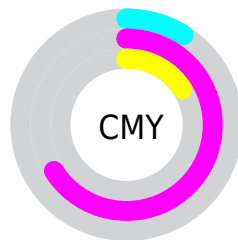
- Red (91%)
- Green (34%)
- Blue (84%)



- Red (91%)
- Yellow (34%)
- Blue (84%)



- Cyan (0%)
- Magenta (63%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (66%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E957D5 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 E957D5 by changing the saturation by 10% instead.



 E957D5

 E957D5

FFFFFF

 CB38B9

 FF91FF

 AE0B9E

 FFAEFF

 910083

 FFCBFF

 75006A

 FFE9FF

 590051

 40003A

 220023

 000009

 000000

 E957D5

 E957D5

 E940D2

 E96ED8

 E928CF

 E986DB

 E911CB

 E99DDF

 E900C9

 E9B4E2

 E9CBE5

 E9E3E8

 E9FAEB

 E9FFEF

 E9FFF2

# Harmonies

## Analogous

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



947DFF



E957D5



FF3D90

# Triad

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



E957D5



AC9100



00B1DC

# Complementary

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



E957D5



57E96B

# 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.



00B196



E957D5



64A300

# Square

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



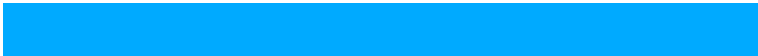
E957D5



E27500



00AD4D



00AAFF

# Rectangle

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



E957D5



FF4762



00AD4D



00B1C6



# Sweetspot

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



E957D5



FFCFF8



6A57E9



80627B



000000



808080



# Same Dimension

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



E957D5



FF40E5



E9578D



756A74



B5009C



36002E



# Inverse Universe

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



E957D5



FF40E5



57E9B3



756A74



B5009C



36002E



# Previews

## White Background



This preview shows how the Hex color E957D5 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 E957D5 Background



This preview shows how black text looks on a background with the Hex color E957D5.

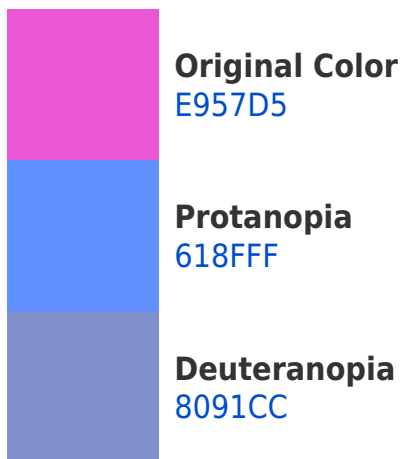


This preview shows how white text looks on a background with the Hex color E957D5.

# 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](#).

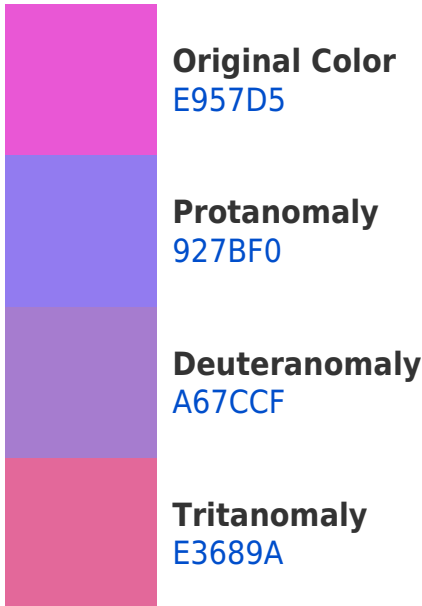
## Dichromacy



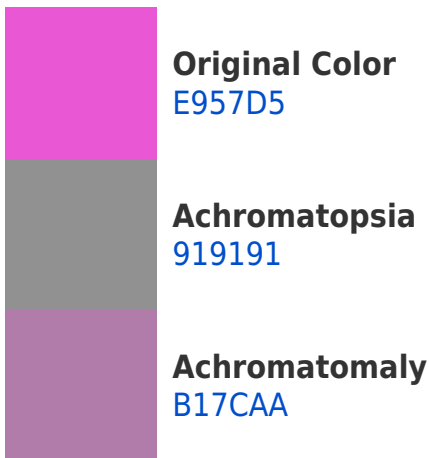


**Tritanopia**  
DF7179

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E957D5 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 #E957D5 looks like.

```
.text, #text, p{  
  color:#E957D5  
}
```

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 #E957D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E957D5
}
```

## Border

The CSS property to change the border of an element to Hex E957D5 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
#E957D5 }
```

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

```
.border{ border-color:#E957D5 }
```

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

Here you see how a box with a 4 pixel #E957D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E957D5; -webkit-box-shadow:4px 4px  
4px 4px #E957D5; box-shadow:4px 4px 4px  
4px #E957D5 }
```

# Background

The CSS property to change the background color of an element to Hex E957D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E957D5 }
```

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

```
.background{ background-color:#E957D5 }
```

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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