

# Converting Colors

Hex(E65EA0)

Have a look what the booklet for  
Hex(E65EA0) contains.

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# **Color**

**Hex(E65EA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E65EA0
RGB	230, 94, 160
RGB Percent	90%, 37%, 63%
CMY	0.0980, 0.6314, 0.3725
CMYK	0.00, 0.59, 0.30, 0.10
HSL	331°, 73%, 64%
HSV	331°, 59%, 90%
XYZ	42.9810, 27.3665, 36.2746
YIQ	142.1880, 59.8700, 49.3580

# Conversions

## Conversions Part 2

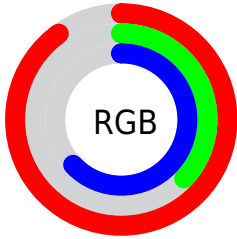
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 94, 160
Decimal	15097504
CIE <sub>Lab</sub>	59.31, 59.16, -8.80
CIE <sub>LCh</sub>	59, 59.810, 351.540
Yxy	27.3665, 0.4031, 0.2567
Android (android.graphics.Color)	4293287584 (0xFFE65EA0)
YUV	142.1880, 8.7813, 77.0111
Hunter-Lab	52.3130, 55.1102, -4.4935

# Details

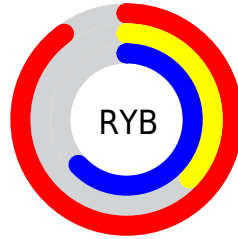
The Hex color **E65EA0** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5EE6A4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF96D7**, and **AB226D** is the 20% darker color. If you saturate the color by 10%, you get **E64794**, and if you desaturate by 10%, it is **E675AC**.

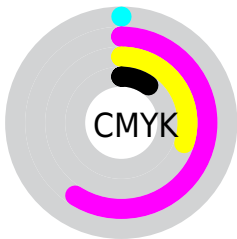
# Distribution



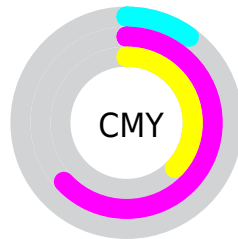
- Red (90%)
- Green (37%)
- Blue (63%)



- Red (90%)
- Yellow (37%)
- Blue (63%)



- Cyan (0%)
- Magenta (59%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (63%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E65EA0 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 E65EA0 by changing the saturation by 10% instead.



 E65EA0

 E65EA0

FFFFFF

 C84186


 FF96D7

 AB226D

 FFB2F3

 8E0054

 FFCFFF

 71003D

 FFEDFF

 550027

 3C0013

 1A0001

 000000

 E65EA0

 E65EA0

 E64794

 E675AC

 E63088

 E68CB8

 E6197C

 E6A3C4

 E60271

 E6BACF

 E60070

 E6D1DB

 E6E8E7

 E6FFF3

 E6FFFF

# Harmonies

## Analogous

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



C070D1



E65EA0



ED5F6B

# Triad

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



E65EA0



859720



00A4E0

# Complementary

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



E65EA0



5EE6A4

# 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.



00A8B4



E65EA0



41A24A

# Square

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



E65EA0



B6871B



00A77E



0099F7

# Rectangle

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



E65EA0



E36B4B



00A77E



00A6D3



# Sweetspot

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



E65EA0



FFD1E7



A25EE6



806371



000000



808080



# Same Dimension

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



E65EA0



FF4AA2



E65E5E



73676D



B30057



330019



# Inverse Universe

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



E65EA0



FF4AA2



5EE6E6



73676D



B30057



330019



# Previews

## White Background



This preview shows how the Hex color E65EA0 looks on a white background.

## Color Contrast Check

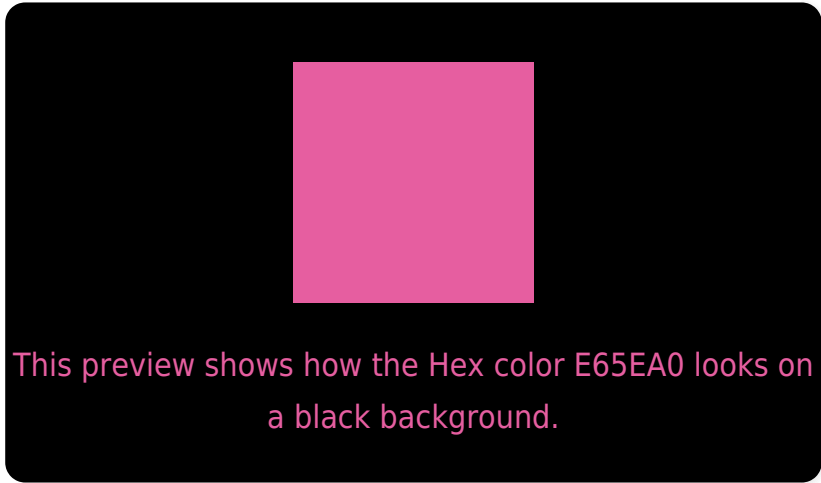
Large Text (above 18pt) WCAG AA ✓ Pass

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 E65EA0 Background



This preview shows how black text looks on a background with the Hex color E65EA0.



This preview shows how white text looks on a background with the Hex color E65EA0.

# 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**  
E26970

# Trichromacy



**Original Color**  
E65EA0



**Protanomaly**  
A67CB4



**Deuteranomaly**  
B57B9C



**Tritanomaly**  
E36581

# Monochromacy



**Original Color**  
E65EA0



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
AE7D95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E65EA0 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 #E65EA0 looks like.

```
.text, #text, p{  
    color:#E65EA0  
}
```

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 #E65EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E65EA0
}
```

## Border

The CSS property to change the border of an element to Hex E65EA0 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
#E65EA0 }
```

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

```
.border{ border-color:#E65EA0 }
```

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

Here you see how a box with a 4 pixel #E65EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E65EA0; -webkit-box-shadow:4px 4px  
4px 4px #E65EA0; box-shadow:4px 4px 4px  
4px #E65EA0 }
```

# Background

The CSS property to change the background color of an element to Hex E65EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E65EA0 }
```

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

```
.background{ background-color:#E65EA0 }
```

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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