

# Converting Colors

Hex(E764A5)

Have a look what the booklet for  
Hex(E764A5) contains.

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# **Color**

**Hex(E764A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E764A5
RGB	231, 100, 165
RGB Percent	91%, 39%, 65%
CMY	0.0941, 0.6078, 0.3529
CMYK	0.00, 0.57, 0.29, 0.09
HSL	330°, 73%, 65%
HSV	330°, 57%, 91%
XYZ	44.3037, 28.8199, 38.8250
YIQ	146.5790, 57.2110, 47.9870

# Conversions

## Conversions Part 2

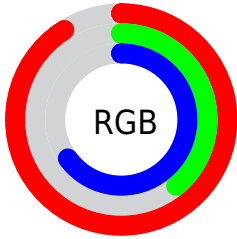
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 100, 165
Decimal	15164581
CIE Lab	60.62, 57.41, -9.72
CIE LCh	61, 58.225, 350.394
Yxy	28.8199, 0.3958, 0.2574
Android (android.graphics.Color)	4293354661 (0xFFE764A5)
YUV	146.5790, 9.0816, 74.0372
Hunter-Lab	53.6842, 53.3627, -5.3004

# Details

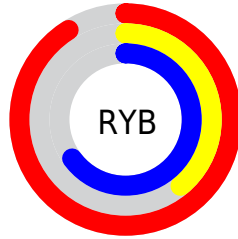
The Hex color **E764A5** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **64E7A6**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9CDC**, and **AC2A71** is the 20% darker color. If you saturate the color by 10%, you get **E74D99**, and if you desaturate by 10%, it is **E77BB1**.

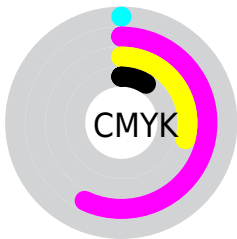
# Distribution



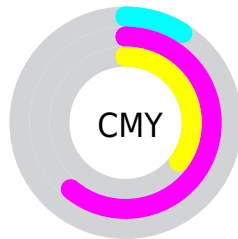
- Red (91%)
- Green (39%)
- Blue (65%)



- Red (91%)
- Yellow (39%)
- Blue (65%)



- Cyan (0%)
- Magenta (57%)
- Yellow (29%)
- Black (9%)



- Cyan (9%)
- Magenta (61%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E764A5 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 E764A5 by changing the saturation by 10% instead.



 E764A5

 E764A5

FFFFFF

 C9488B

 FF9CDC

 AC2A71

 FFB8F9

 8F0059

 FFD5FF

 730041

 FFF2FF

 57002B

 3E0017

 1F0001

 000000

 E764A5

 E764A5

 E74D99

 E77BB1

 E7368E

 E792BC

 E71F82

 E7A9C8

 E70876

 E7C0D4

 E70073

 E7D8DF

 E7EFEB

 E7FFF6

 E7FFFF

# Harmonies

## Analogous

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



C075D4



E764A5



EF6471

# Triad

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



E764A5



8B9A28



00A7E1

# Complementary

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



E764A5



64E7A6

# 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.



00ABB5



E764A5



4CA54D

# Square

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



E764A5



BB8A24



00AA7F



009DF7

# Rectangle

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



E764A5



E76F52



00AA7F



00A9D4



# Sweetspot

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



E764A5



FFD4E9



A664E7



806673



000000



808080



# Same Dimension

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



E764A5



FF52A8



E76464



73676D



B30059



330019



# Inverse Universe

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



E764A5



FF52A8



64E7E7



73676D



B30059



330019



# Previews

## White Background



This preview shows how the Hex color E764A5 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 E764A5 Background



This preview shows how black text looks on a background with the Hex color E764A5.



This preview shows how white text looks on a background with the Hex color E764A5.

# 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**  
E36E76

# Trichromacy



**Original Color**  
E764A5



**Protanomaly**  
A981B8



**Deuteranomaly**  
B77FA1

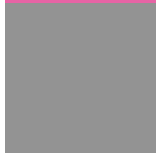


**Tritanomaly**  
E46A87

# Monochromacy



**Original Color**  
E764A5



**Achromatopsia**  
939393



**Achromatomaly**  
B2829A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E764A5 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 #E764A5 looks like.

```
.text, #text, p{  
    color:#E764A5  
}
```

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 #E764A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E764A5
}
```

## Border

The CSS property to change the border of an element to Hex E764A5 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
#E764A5 }
```

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

```
.border{ border-color:#E764A5 }
```

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

Here you see how a box with a 4 pixel #E764A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E764A5; -webkit-box-shadow:4px 4px  
4px 4px #E764A5; box-shadow:4px 4px 4px  
4px #E764A5 }
```

# Background

The CSS property to change the background color of an element to Hex E764A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E764A5 }
```

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

```
.background{ background-color:#E764A5 }
```

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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