

# Converting Colors

Hex(E06EC4)

Have a look what the booklet for  
Hex(E06EC4) contains.

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# **Color**

**Hex(E06EC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E06EC4
RGB	224, 110, 196
RGB Percent	88%, 43%, 77%
CMY	0.1216, 0.5686, 0.2314
CMYK	0.00, 0.51, 0.12, 0.12
HSL	315°, 65%, 65%
HSV	315°, 51%, 88%
XYZ	46.2802, 30.9847, 55.7660
YIQ	153.8900, 40.3380, 50.9140

# Conversions

## Conversions Part 2

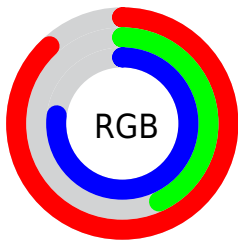
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">224, 110, 196</a>
Decimal	<a href="#">14708420</a>
CIELab	<a href="#">62.49, 55.02, -24.68</a>
CIElCh	<a href="#">62, 60.302, 335.839</a>
Yxy	<a href="#">30.9847, 0.3479, 0.2329</a>
Android (android.graphics.Color)	<a href="#">4292898500 (0xFFE06EC4)</a>
YUV	<a href="#">153.8900, 20.7602, 61.4865</a>
Hunter-Lab	<a href="#">55.6639, 50.9971, -20.4340</a>

# Details

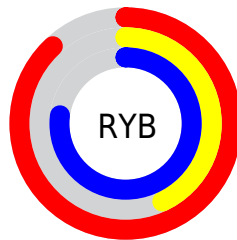
The Hex color **E06EC4** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6EE08A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA5FD**, and **A6378E** is the 20% darker color. If you saturate the color by 10%, you get **E058BE**, and if you desaturate by 10%, it is **E084CA**.

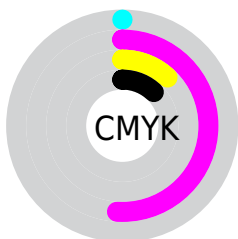
# Distribution



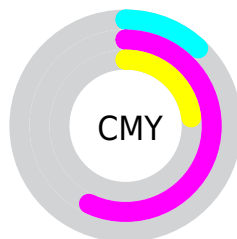
- Red (88%)
- Green (43%)
- Blue (77%)



- Red (88%)
- Yellow (43%)
- Blue (77%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (57%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E06EC4 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 E06EC4 by changing the saturation by 10% instead.



 E06EC4

 E06EC4

FFFFFF

 C353A9

 FFA5FD

 A6378E

 FFC2FF

 8A1774

 FFDEFF

 6F005B

 FFFCFF

 540044

 3B002D

 1F0018

 000000

 E06EC4

 E06EC4

 E058BE

 E084CA

 E041B9

 E09BCF

 E02BB3

 E0B1D5

 E014AE

 E0C8DA

 E000A9

 E0DEE0

 E0F4E5

 E0FFEB

 E0FFF0

 E0FFF6

# Harmonies

## Analogous

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



A784EE



E06EC4



F8648F

# Triad

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



E06EC4



A9981F



00AFD5

# Complementary

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



E06EC4



6EE08A

# 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.



00B1A0



E06EC4



71A639

# Square

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



E06EC4



D58432



00AE69



00A8F8

# Rectangle

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



E06EC4



F7696C



00AE69



00B0C4



# Sweetspot

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



E06EC4



FFD9F6



896EE0



80697A



000000



808080



# Same Dimension

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



E06EC4



FF63D9



E06E8C



70656D



B00085



300025



# Inverse Universe

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



E06EC4



FF63D9



6EE0C2



70656D



B00085

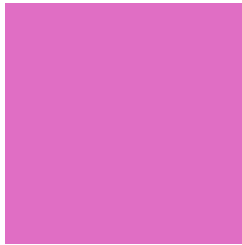


300025



# Previews

## White Background



This preview shows how the Hex color E06EC4 looks on a white background.

## Color Contrast Check

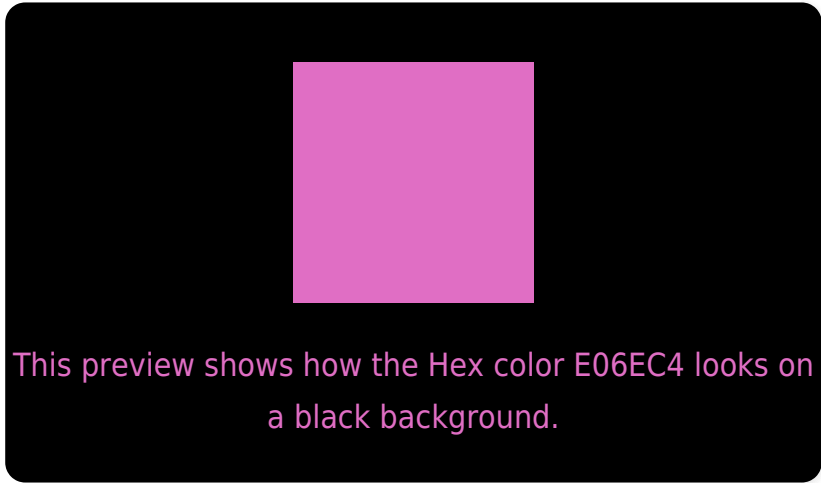
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E06EC4 Background



This preview shows how black text looks on a background with the Hex color E06EC4.

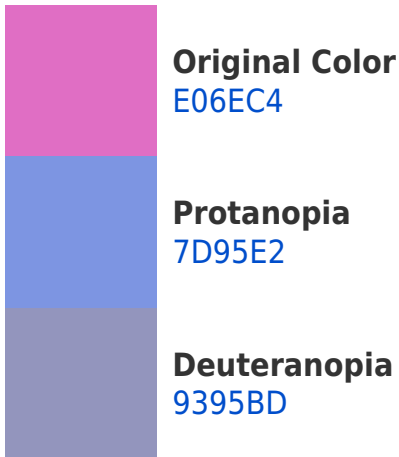


This preview shows how white text looks on a background with the Hex color E06EC4.

# 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](#).

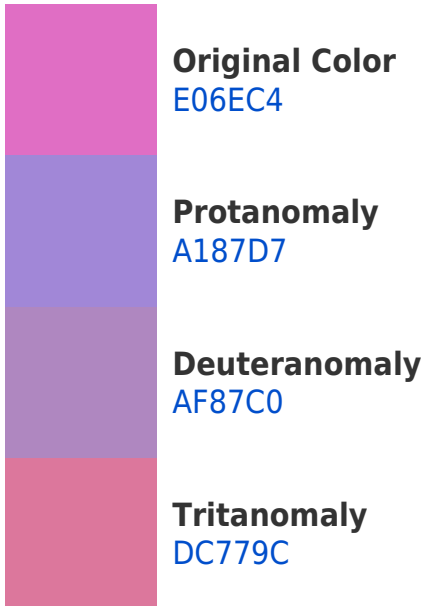
## Dichromacy





**Tritanopia**  
D97C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E06EC4 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 #E06EC4 looks like.

```
.text, #text, p{  
    color:#E06EC4  
}
```

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 #E06EC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E06EC4
}
```

## Border

The CSS property to change the border of an element to Hex E06EC4 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
#E06EC4 }
```

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

```
.border{ border-color:#E06EC4 }
```

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

Here you see how a box with a 4 pixel #E06EC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E06EC4; -webkit-box-shadow:4px 4px  
4px 4px #E06EC4; box-shadow:4px 4px 4px  
4px #E06EC4 }
```

# Background

The CSS property to change the background color of an element to Hex E06EC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E06EC4 }
```

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

```
.background{ background-color:#E06EC4 }
```

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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