

# Converting Colors

Hex(E06EB3)

Have a look what the booklet for  
Hex(E06EB3) contains.

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# Color

**Hex(E06EB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E06EB3
RGB	224, 110, 179
RGB Percent	88%, 43%, 70%
CMY	0.1216, 0.5686, 0.2980
CMYK	0.00, 0.51, 0.20, 0.12
HSL	324°, 65%, 65%
HSV	324°, 51%, 88%
XYZ	44.4531, 30.2538, 46.1445
YIQ	151.9520, 45.7950, 45.6270

# Conversions

## Conversions Part 2

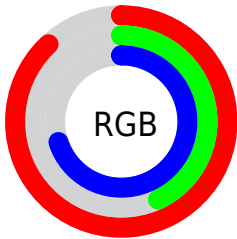
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 110, 179
Decimal	14708403
CIE <sub>Lab</sub>	61.87, 52.45, -15.96
CIE <sub>LCh</sub>	62, 54.830, 343.073
Yxy	30.2538, 0.3678, 0.2503
Android (android.graphics.Color)	4292898483 (0xFFE06EB3)
YUV	151.9520, 13.3347, 63.1861
Hunter-Lab	55.0035, 48.0052, -11.2381

# Details

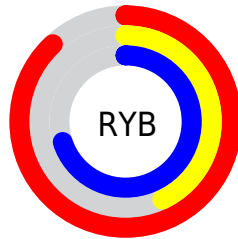
The Hex color **E06EB3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6EE09B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA5EB**, and **A6387E** is the 20% darker color. If you saturate the color by 10%, you get **E058AA**, and if you desaturate by 10%, it is **E084BC**.

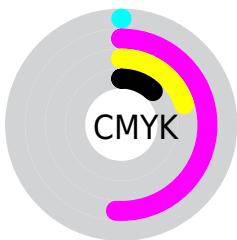
# Distribution



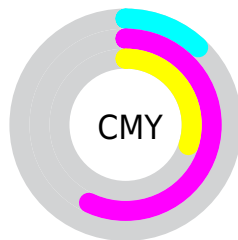
- Red (88%)
- Green (43%)
- Blue (70%)



- Red (88%)
- Yellow (43%)
- Blue (70%)



- Cyan (0%)
- Magenta (51%)
- Yellow (20%)
- Black (12%)



- Cyan (12%)
- Magenta (57%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E06EB3 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 E06EB3 by changing the saturation by 10% instead.



 E06EB3

 E06EB3

FFFFFF

 C35398

 FFA5EB

 A6387E

 FFC1FF

 8A1965

 FFDEFF

 6E004D

 FFFBFF

 530036

 3B0021

 1E0006

 000000

 E06EB3

 E06EB3

 E058AA

 E084BC

 E041A1

 E09BC5

 E02B98

 E0B1CE

 E01490

 E0C8D6

 E00088

 E0DEDF

 E0F4E8

 E0FFF1

 E0FFFA

 E0FFFF

# Harmonies

## Analogous

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



B480DD



E06EB3



EF6A82

# Triad

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



E06EB3



9C9A2F



00ABD7

# Complementary

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



E06EB3



6EE09B

# 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.



00ADAA



E06EB3



66A54B

# Square

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



E06EB3



C78935



00AB77



00A2F2

# Rectangle

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



E06EB3



EB7163



00AB77



00ACC9



# Sweetspot

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



E06EB3



FFD9F0



9A6EE0



806976



000000



808080



# Same Dimension

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



E06EB3



FF63C2



E06E7B



70656C



B0006A



30001D



# Inverse Universe

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



E06EB3



FF63C2



6EE0D3



70656C



B0006A



30001D



# Previews

## White Background



This preview shows how the Hex color E06EB3 looks on a white background.

## Color Contrast Check

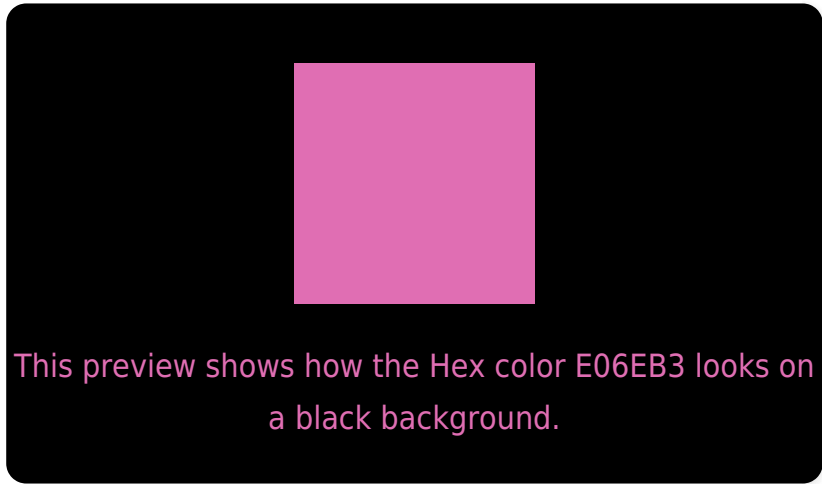
Large Text (above 18pt) WCAG AA × Fail

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 E06EB3 Background



This preview shows how black text looks on a background with the Hex color E06EB3.

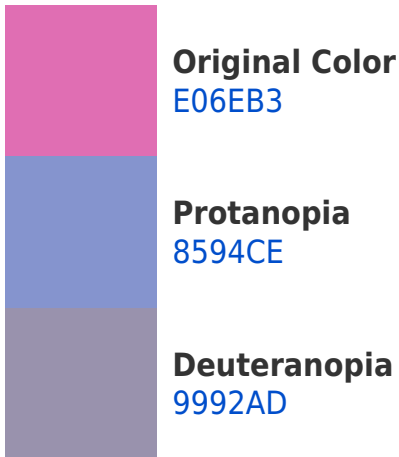


This preview shows how white text looks on a background with the Hex color E06EB3.

# 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**  
DB7981

# Trichromacy



**Original Color**  
E06EB3



**Protanomaly**  
A686C4



**Deuteranomaly**  
B385AF

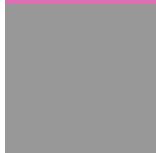


**Tritanomaly**  
DD7593

# Monochromacy



**Original Color**  
E06EB3



**Achromatopsia**  
989898



**Achromatomaly**  
B289A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E06EB3 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 #E06EB3 looks like.

```
.text, #text, p{  
    color:#E06EB3  
}
```

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 #E06EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E06EB3
}
```

## Border

The CSS property to change the border of an element to Hex E06EB3 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
#E06EB3 }
```

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

```
.border{ border-color:#E06EB3 }
```

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

Here you see how a box with a 4 pixel #E06EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E06EB3; -webkit-box-shadow:4px 4px  
4px 4px #E06EB3; box-shadow:4px 4px 4px  
4px #E06EB3 }
```

# Background

The CSS property to change the background color of an element to Hex E06EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E06EB3 }
```

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

```
.background{ background-color:#E06EB3 }
```

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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