

# Converting Colors

Hex(E56AB0)

Have a look what the booklet for  
Hex(E56AB0) contains.

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# **Color**

**Hex(E56AB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E56AB0
RGB	229, 106, 176
RGB Percent	90%, 42%, 69%
CMY	0.1020, 0.5843, 0.3098
CMYK	0.00, 0.54, 0.23, 0.10
HSL	326°, 70%, 66%
HSV	326°, 54%, 90%
XYZ	45.3036, 30.1007, 44.4965
YIQ	150.7570, 50.8380, 47.8460

# Conversions

## Conversions Part 2

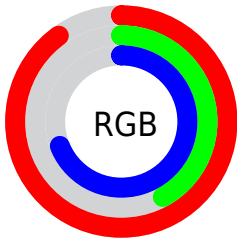
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 106, 176
Decimal	15035056
CIE <sub>Lab</sub>	61.74, 55.48, -14.38
CIE <sub>LCh</sub>	62, 57.315, 345.468
Yxy	30.1007, 0.3778, 0.2510
Android (android.graphics.Color)	4293225136 (0xFFE56AB0)
YUV	150.7570, 12.4448, 68.6191
Hunter-Lab	54.8641, 51.3829, -9.6813

# Details

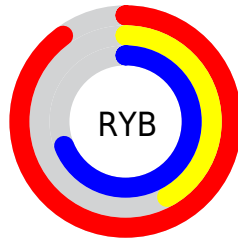
The Hex color **E56AB0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6AE59F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA1E8**, and **AB327B** is the 20% darker color. If you saturate the color by 10%, you get **E553A6**, and if you desaturate by 10%, it is **E581BA**.

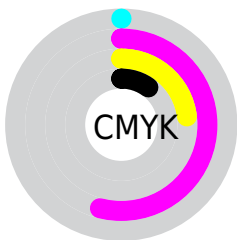
# Distribution



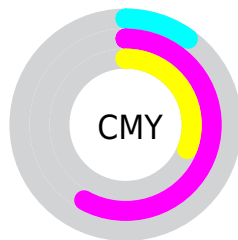
- Red (90%)
- Green (42%)
- Blue (69%)



- Red (90%)
- Yellow (42%)
- Blue (69%)



- Cyan (0%)
- Magenta (54%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (58%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E56AB0 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 E56AB0 by changing the saturation by 10% instead.



 E56AB0

 E56AB0

FFFFFF

 C84F95

 FFA1E8

 AB327B

 FFBEFF

 8E0E62

 FFDBFF

 72004B

 FFF8FF

 570034

 3E001F

 220001

 000000

 E56AB0

 E56AB0

 E553A6

 E581BA

 E53C9C

 E598C4

 E52592

 E5AFCE

 E50E89

 E5C6D7

 E50082

 E5DDE1

 E5F3EB

 E5FFF5

 E5FFFF

# Harmonies

## Analogous

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



B97CDD



E56AB0



F2677D

# Triad

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



E56AB0



979B2A



00ABDC

# Complementary

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



E56AB0



6AE59F

# 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.



00AEAF



E56AB0



5DA64A

# Square

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



E56AB0



C58A2D



00AC7A



00A2F7

# Rectangle

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



E56AB0



EC6F5D



00AC7A



00ACCF



# Sweetspot

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



E56AB0



FFD6ED



9D6AE5



806775



000000



808080



# Same Dimension

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



E56AB0



FF5CB9



E56A74



73676E



B30066



33001D



# Inverse Universe

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



E56AB0



FF5CB9



6AE5DB



73676E



B30066



33001D



# Previews

## White Background



This preview shows how the Hex color E56AB0 looks on a white background.

## Color Contrast Check

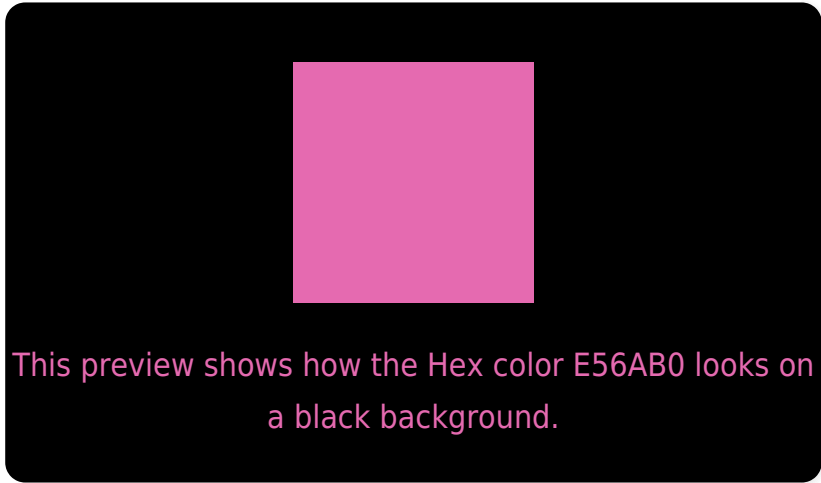
Large Text (above 18pt) WCAG AA × Fail

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 E56AB0 Background



This preview shows how black text looks on a background with the Hex color E56AB0.

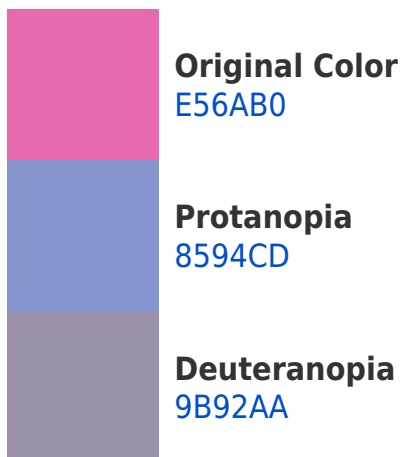


This preview shows how white text looks on a background with the Hex color E56AB0.

# 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**  
E0757D

# Trichromacy



**Original Color**  
E56AB0



**Protanomaly**  
A885C2



**Deuteranomaly**  
B683AC

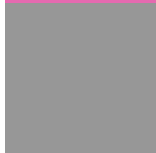


**Tritanomaly**  
E27190

# Monochromacy



**Original Color**  
E56AB0



**Achromatopsia**  
979797



**Achromatomaly**  
B387A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E56AB0 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 #E56AB0 looks like.

```
.text, #text, p{  
    color:#E56AB0  
}
```

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 #E56AB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E56AB0
}
```

## Border

The CSS property to change the border of an element to Hex E56AB0 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
#E56AB0 }
```

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

```
.border{ border-color:#E56AB0 }
```

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

Here you see how a box with a 4 pixel #E56AB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E56AB0; -webkit-box-shadow:4px 4px  
4px 4px #E56AB0; box-shadow:4px 4px 4px  
4px #E56AB0 }
```

# Background

The CSS property to change the background color of an element to Hex E56AB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E56AB0 }
```

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

```
.background{ background-color:#E56AB0 }
```

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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