

# Converting Colors

Hex(E580C7)

Have a look what the booklet for  
Hex(E580C7) contains.

<b>Hex(E580C7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E580C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E580C7
RGB	229, 128, 199
RGB Percent	90%, 50%, 78%
CMY	0.1020, 0.4980, 0.2196
CMYK	0.00, 0.44, 0.13, 0.10
HSL	318°, 66%, 70%
HSV	318°, 44%, 90%
XYZ	50.3411, 36.2199, 58.3707
YIQ	166.2930, 37.4050, 43.4930

# Conversions

## Conversions Part 2

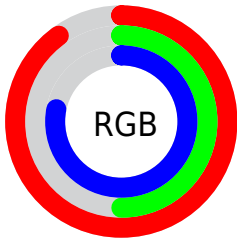
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 128, 199
Decimal	15040711
CIE <sub>Lab</sub>	66.69, 48.13, -19.91
CIE <sub>LCh</sub>	67, 52.085, 337.531
Yxy	36.2199, 0.3473, 0.2499
Android (android.graphics.Color)	4293230791 (0xFFE580C7)
YUV	166.2930, 16.1246, 54.9940
Hunter-Lab	60.1830, 43.9893, -15.3766

# Details

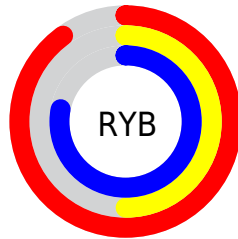
The Hex color **E580C7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80E59E**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB7FF**, and **AC4B91** is the 20% darker color. If you saturate the color by 10%, you get **E569C0**, and if you desaturate by 10%, it is **E597CE**.

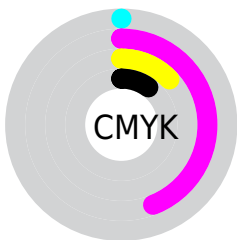
# Distribution



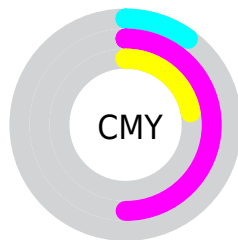
- Red (90%)
- Green (50%)
- Blue (78%)



- Red (90%)
- Yellow (50%)
- Blue (78%)



- Cyan (0%)
- Magenta (44%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E580C7 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 E580C7 by changing the saturation by 10% instead.



 E580C7

 E580C7

FFFFFF

 C865AC

 FFB7FF

 AC4B91

 FFD3FF

 903077

 FFF0FF

 74125E

 5A0046

 400030

 29001B

 000000

 E580C7

 E580C7

 E569C0

 E597CE

 E552B9

 E5AED5

 E53BB3

 E5C5DB

 E524AC

 E5DCE2

 E50DA5

 E5F3E9

 E500A1

 E5FFF0

 E5FFF7

 E5FFFD

 E5FFFF

# Harmonies

## Analogous

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



B591ED



E580C7



F97A98

# Triad

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



E580C7



B2A441



00B8DA

# Complementary

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



E580C7



80E59E

# 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.



00BAAD



E580C7



80B055

# Square

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



E580C7



DA934B



38B77D



00B1F8

# Rectangle

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



E580C7



F87E7A



38B77D



00B9CC



# Sweetspot

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



E580C7



FFDEF5



9D80E5



806B79



000000



808080



# Same Dimension

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



E580C7



FF78D7



E58096



73676F



B3007D



330024



# Inverse Universe

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



E580C7



FF78D7



80E5CF



73676F



B3007D

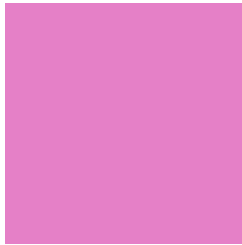


330024



# Previews

## White Background



This preview shows how the Hex color E580C7 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 E580C7 Background



This preview shows how black text looks on a background with the Hex color E580C7.

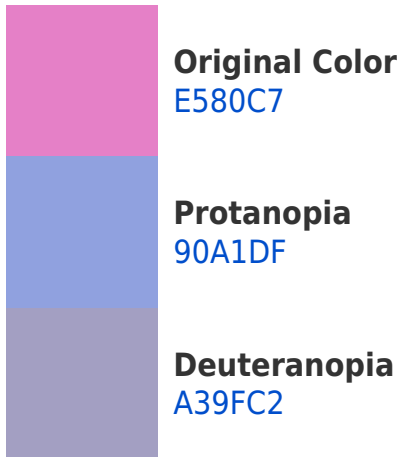



This preview shows how white text looks on a background with the Hex color E580C7.

# 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**  
DF8A95

# Trichromacy



**Original Color**  
E580C7



**Protanomaly**  
AF95D6



**Deuteranomaly**  
BB94C4



**Tritanomaly**  
E186A7

# Monochromacy



**Original Color**  
E580C7



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
BD98B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E580C7 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 #E580C7 looks like.

```
.text, #text, p{  
    color:#E580C7  
}
```

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 #E580C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E580C7
}
```

## Border

The CSS property to change the border of an element to Hex E580C7 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
#E580C7 }
```

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

```
.border{ border-color:#E580C7 }
```

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

Here you see how a box with a 4 pixel #E580C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E580C7; -webkit-box-shadow:4px 4px  
4px 4px #E580C7; box-shadow:4px 4px 4px  
4px #E580C7 }
```

# Background

The CSS property to change the background color of an element to Hex E580C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E580C7 }
```

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

```
.background{ background-color:#E580C7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor