

Converting Colors

Hex(E580C8)

Have a look what the booklet for
Hex(E580C8) contains.

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Color

Hex(E580C8)

Conversions

Conversions Part 1

Format	Color
Hex	E580C8
RGB	229, 128, 200
RGB Percent	90%, 50%, 78%
CMY	0.1020, 0.4980, 0.2157
CMYK	0.00, 0.44, 0.13, 0.10
HSL	317°, 66%, 70%
HSV	317°, 44%, 90%
XYZ	50.4576, 36.2665, 58.9843
YIQ	166.4070, 37.0840, 43.8040

Conversions

Conversions Part 2

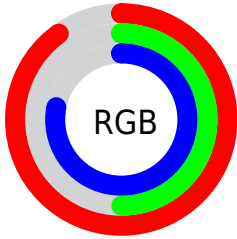
Format	Color
R _Y B	229, 128, 200
Decimal	15040712
CIE Lab	66.72, 48.29, -20.41
CIE LCh	67, 52.427, 337.086
Yxy	36.2665, 0.3463, 0.2489
Android (android.graphics.Color)	4293230792 (0xFFE580C8)
YUV	166.4070, 16.5613, 54.8941
Hunter-Lab	60.2217, 44.1709, -15.9166

Details

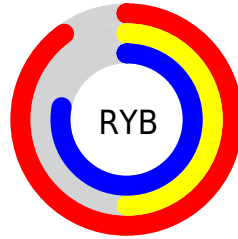
The Hex color **E580C8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80E59D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB7FF**, and **AC4B92** is the 20% darker color. If you saturate the color by 10%, you get **E569C1**, and if you desaturate by 10%, it is **E597CF**.

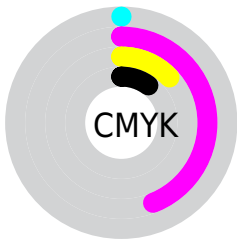
Distribution



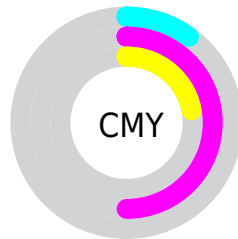
- Red (90%)
- Green (50%)
- Blue (78%)



- 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 E580C8 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 E580C8 by changing the saturation by 10% instead.

 E580C8

 E580C8

FFFFFF

 C865AD

 FFB7FF

 AC4B92

 FFD3FF

 903078

 FFF0FF

 74125F

 5A0047

 400031

 29001C

 000000

 E580C8

 E580C8

 E569C1

 E597CF

 E552BB

 E5AED5

 E53BB4

 E5C5DC

 E524AE

 E5DCE2

 E50DA7

 E5F3E9

 E500A3

 E5FFEF

 E5FFF6

 E5FFFD

 E5FFFF

Harmonies

Analogous

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



B491EE



E580C8



FA7999

Triad

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



E580C8



B3A340



00B8DA

Complementary

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



E580C8



80E59D

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.



00BAAC



E580C8



81B054

Square

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



E580C8



DB934B



39B77C



00B1F9

Rectangle

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



E580C8



F97D7A



39B77C



00B9CC

Sweetspot

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



E580C8



FFDEF5



9D80E5



806B7A



000000



808080

Same Dimension

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



E580C8



FF78D8



E58096



73676F



B3007F



330024

Inverse Universe

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



E580C8



FF78D8



80E5CF



73676F



B3007F



330024

Previews

White Background



This preview shows how the Hex color E580C8 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 E580C8 Background



This preview shows how black text looks on a background with the Hex color E580C8.

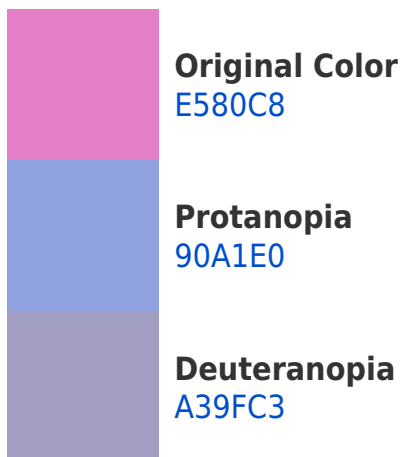


This preview shows how white text looks on a background with the Hex color E580C8.

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
DF8B95

Trichromacy



Original Color
E580C8



Protanomaly
AF95D7



Deuteranomaly
BB94C5

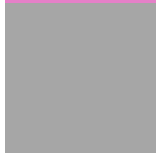


Tritanomaly
E187A8

Monochromacy



Original Color
E580C8



Achromatopsia
A6A6A6



Achromatomaly
BD98B2

CSS Examples

Text

The CSS property to change the color of the text to Hex E580C8 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 #E580C8 looks like.

```
.text, #text, p{  
    color:#E580C8  
}
```

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 #E580C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E580C8
}
```

Border

The CSS property to change the border of an element to Hex E580C8 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
#E580C8 }
```

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

```
.border{ border-color:#E580C8 }
```

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

Here you see how a box with a 4 pixel #E580C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E580C8; -webkit-box-shadow:4px 4px  
4px 4px #E580C8; box-shadow:4px 4px 4px  
4px #E580C8 }
```

Background

The CSS property to change the background color of an element to Hex E580C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E580C8 }
```

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

```
.background{ background-color:#E580C8 }
```

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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