

Converting Colors

Hex(E580D6)

Have a look what the booklet for
Hex(E580D6) contains.

| | |
|--|----|
| Hex(E580D6) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(E580D6)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E580D6 |
| RGB | 229, 128, 214 |
| RGB Percent | 90%, 50%, 84% |
| CMY | 0.1020, 0.4980, 0.1608 |
| CMYK | 0.00, 0.44, 0.07, 0.10 |
| HSL | 309°, 66%, 70% |
| HSV | 309°, 44%, 90% |
| XYZ | 52.1699, 36.9514, 68.0010 |
| YIQ | 168.0030, 32.5900, 48.1580 |

Conversions

Conversions Part 2

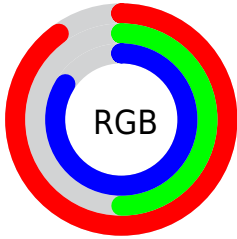
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 229, 128, 214 |
| Decimal | 15040726 |
| CIE Lab | 67.24, 50.59, -27.44 |
| CIE LCh | 67, 57.549, 331.527 |
| Yxy | 36.9514, 0.3320, 0.2352 |
| Android (android.graphics.Color) | 4293230806 (0xFFE580D6) |
| YUV | 168.0030, 22.6765, 53.4944 |
| Hunter-Lab | 60.7877, 46.8159, -23.7743 |

Details

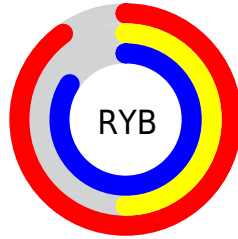
The Hex color **E580D6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80E58F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB7FF**, and **AC4B9F** is the 20% darker color. If you saturate the color by 10%, you get **E569D3**, and if you desaturate by 10%, it is **E597D9**.

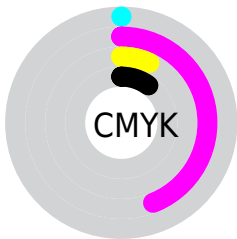
Distribution



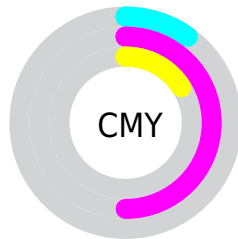
- Red (90%)
- Green (50%)
- Blue (84%)



- Red (90%)
- Yellow (50%)
- Blue (84%)



- Cyan (0%)
- Magenta (44%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color E580D6 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 E580D6 by changing the saturation by 10% instead.

 E580D6

 E580D6

FFFFFF

 C865BA

 FFB7FF

 AC4B9F

 FFD4FF

 903085

 FFF1FF

 75106B

 5A0053

 40003B

 290025

 00010D

 000000

 E580D6

 E580D6

 E569D3

 E597D9

 E552CF

 E5AEDD

 E53BCC

 E5C5E0

 E524C8

 E5DCE4

 E50DC5

 E5F3E7

 E500C3

 E5FFEA

 E5FFEE

 E5FFF1

 E5FFF5

Harmonies

Analogous

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



A995FC



E580D6



FF75A3

Triad

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



E580D6



BEA235



00BCD8

Complementary

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



E580D6



80E58F

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.



00BDA5



E580D6



89B046

Square

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



E580D6



E78F48



3DB970



00B6FE

Rectangle

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



E580D6



FF7881



3DB970



00BDC8

Sweetspot

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



E580D6



FFDEFA



8D80E5



806B7C



000000



808080

Same Dimension

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



E580D6



FF78EB



E580A5



736771



B30098



33002B

Inverse Universe

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



E580D6



FF78EB



80E5C0



736771



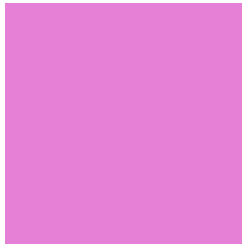
B30098



33002B

Previews

White Background



This preview shows how the Hex color E580D6 looks on a white background.

Color Contrast Check

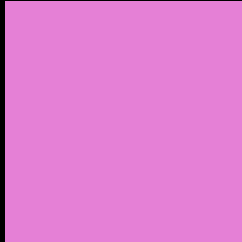
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E580D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

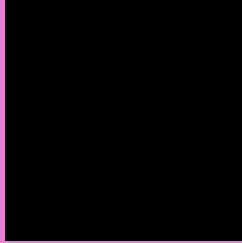
Any Text WCAG AA ✓ Pass

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 E580D6 Background



This preview shows how black text looks on a background with the Hex color E580D6.




This preview shows how white text looks on a background with the Hex color E580D6.

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](#).

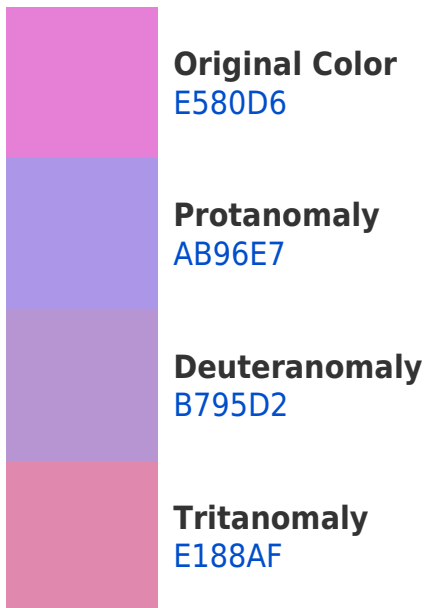
Dichromacy



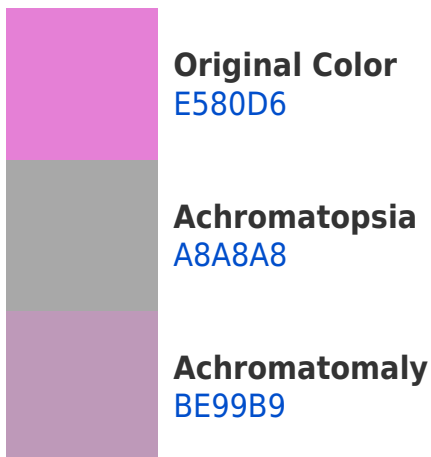


Tritanopia
DE8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E580D6 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 #E580D6 looks like.

```
.text, #text, p{  
    color:#E580D6  
}
```

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 #E580D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E580D6
}
```

Border

The CSS property to change the border of an element to Hex E580D6 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
#E580D6 }
```

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

```
.border{ border-color:#E580D6 }
```

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

Here you see how a box with a 4 pixel #E580D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E580D6; -webkit-box-shadow:4px 4px  
4px 4px #E580D6; box-shadow:4px 4px 4px  
4px #E580D6 }
```

Background

The CSS property to change the background color of an element to Hex E580D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E580D6 }
```

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

```
.background{ background-color:#E580D6 }
```

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