

Converting Colors

Hex(D580AE)

Have a look what the booklet for
Hex(D580AE) contains.

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Color

Hex(D580AE)

Conversions

Conversions Part 1

Format	Color
Hex	D580AE
RGB	213, 128, 174
RGB Percent	84%, 50%, 68%
CMY	0.1647, 0.4980, 0.3176
CMYK	0.00, 0.40, 0.18, 0.16
HSL	328°, 50%, 67%
HSV	328°, 40%, 84%
XYZ	42.7997, 32.6405, 44.0888
YIQ	158.6590, 35.8940, 32.3260

Conversions

Conversions Part 2

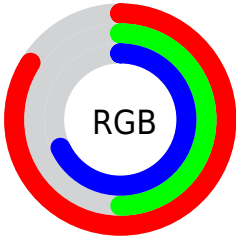
Format	Color
R _Y B	213, 128, 174
Decimal	13992110
CIE Lab	63.87, 38.98, -10.26
CIE LCh	64, 40.306, 345.255
Yxy	32.6405, 0.3581, 0.2731
Android (android.graphics.Color)	4292182190 (0xFFD580AE)
YUV	158.6590, 7.5631, 47.6571
Hunter-Lab	57.1318, 33.7407, -5.7620

Details

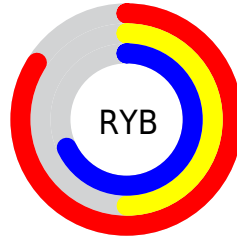
The Hex color **D580AE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80D5A7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB6E5**, and **9D4C7A** is the 20% darker color. If you saturate the color by 10%, you get **D56BA4**, and if you desaturate by 10%, it is **D595B8**.

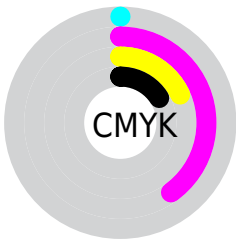
Distribution



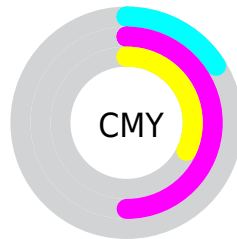
- Red (84%)
- Green (50%)
- Blue (68%)



- Red (84%)
- Yellow (50%)
- Blue (68%)



- Cyan (0%)
- Magenta (40%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (50%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color D580AE 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 D580AE by changing the saturation by 10% instead.

 D580AE

 D580AE

FFFFFF

 B86693

 FFB6E5

 9D4C7A

 FFD2FF

 813361

 FFEFFF

 671949

 4D0032

 35001E

 190001

 000000

 D580AE

 D580AE

 D56BA4

 D595B8

 D5559A

 D5ABC2

 D54091

 D5C0CB

 D52B87

 D5D5D5

 D5157D

 D5EBDF

 D50073

 D5FFE9

 D5FFF2

 D5FFFC

 D5FFFF

Harmonies

Analogous

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



B68ACE



D580AE



E07E8A

Triad

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



D580AE



9F9E54



00ABCD

Complementary

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



D580AE



80D5A7

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.



00AEAC



D580AE



77A767

Square

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



D580AE



C19255



45AC87



3AA4E0

Rectangle

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



D580AE



DC8373



45AC87



00ACC3

Sweetspot

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



D580AE



FFE0F1



A680D5



806E77



000000



808080

Same Dimension

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



D580AE



FF85C7



D58084



6B6066



AB005C



2B0017

Inverse Universe

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



D580AE



FF85C7



80D5D1



6B6066



AB005C



2B0017

Previews

White Background



This preview shows how the Hex color D580AE looks on a white background.

Color Contrast Check

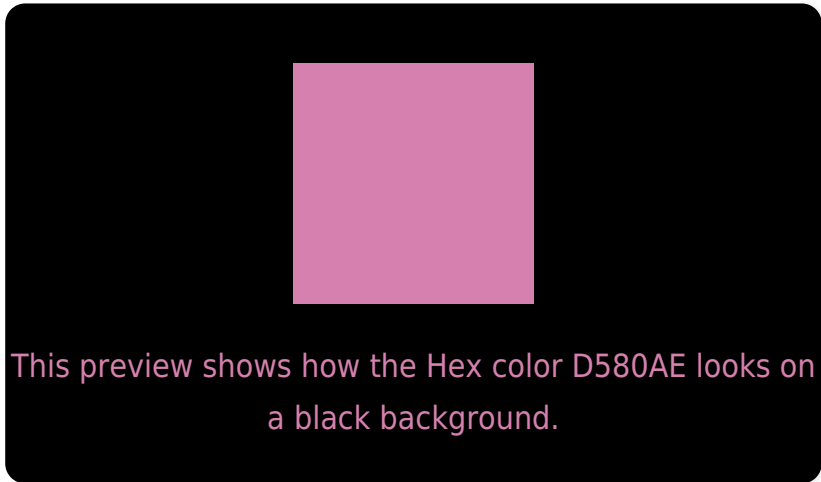
Large Text (above 18pt) WCAG AA × Fail

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 D580AE Background



This preview shows how black text looks on a background with the Hex color D580AE.

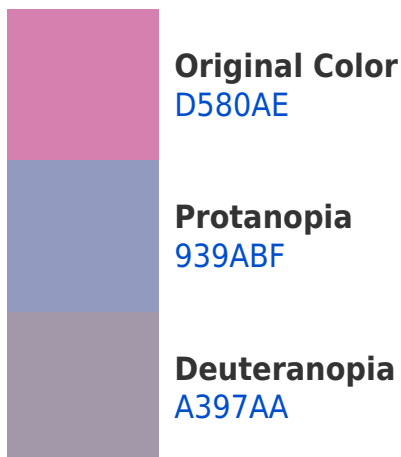



This preview shows how white text looks on a background with the Hex color D580AE.

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](#).

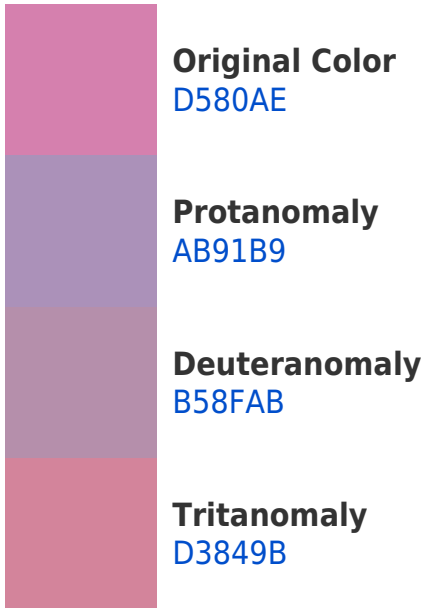
Dichromacy





Tritanopia
D28690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D580AE 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 #D580AE looks like.

```
.text, #text, p{  
    color:#D580AE  
}
```

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 #D580AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D580AE
}
```

Border

The CSS property to change the border of an element to Hex D580AE 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
#D580AE }
```

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

```
.border{ border-color:#D580AE }
```

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

Here you see how a box with a 4 pixel #D580AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D580AE; -webkit-box-shadow:4px 4px  
4px 4px #D580AE; box-shadow:4px 4px 4px  
4px #D580AE }
```

Background

The CSS property to change the background color of an element to Hex D580AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D580AE }
```

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

```
.background{ background-color:#D580AE }
```

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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