

Converting Colors

Hex(D583C5)

Have a look what the booklet for
Hex(D583C5) contains.

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Color

Hex(D583C5)

Conversions

Conversions Part 1

Format	Color
Hex	D583C5
RGB	213, 131, 197
RGB Percent	84%, 51%, 77%
CMY	0.1647, 0.4863, 0.2275
CMYK	0.00, 0.38, 0.08, 0.16
HSL	312°, 49%, 67%
HSV	312°, 38%, 84%
XYZ	45.6349, 34.4100, 57.0599
YIQ	163.0420, 27.6860, 37.9100

Conversions

Conversions Part 2

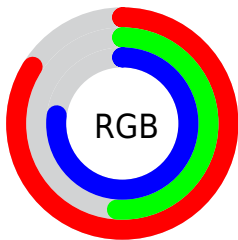
Format	Color
R_{YB}	213, 131, 197
Decimal	13992901
CIE _{Lab}	65.29, 41.15, -21.10
CIE _{LCh}	65, 46.241, 332.857
Yxy	34.4100, 0.3328, 0.2510
Android (android.graphics.Color)	4292182981 (0xFFD583C5)
YUV	163.0420, 16.7413, 43.8132
Hunter-Lab	58.6600, 36.2102, -16.6107

Details

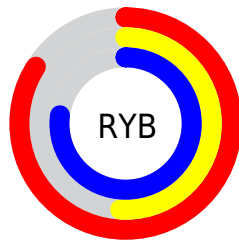
The Hex color **D583C5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83D593**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFB9FE**, and **9D4F8F** is the 20% darker color. If you saturate the color by 10%, you get **D56EC1**, and if you desaturate by 10%, it is **D598C9**.

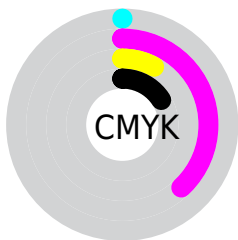
Distribution



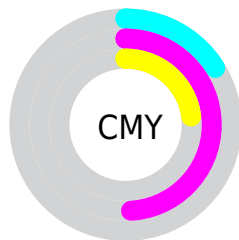
- Red (84%)
- Green (51%)
- Blue (77%)



- Red (84%)
- Yellow (51%)
- Blue (77%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color D583C5 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 D583C5 by changing the saturation by 10% instead.

 D583C5

 D583C5

FFFFFF

 B969AA

 FFB9FE

 9D4F8F

 FFD6FF

 823675

 FFF2FF

 671C5D

 4E0045

 35002E

 1D0019

 000000

 D583C5

 D583C5

 D56EC1

 D598C9

 D558BD

 D5AECD

 D543B9

 D5C3D1

 D52EB4

 D5D8D6

 D518B0

 D5EEDA

 D503AC

 D5FFDE

 D500AB

 D5FFE2

 D5FFE6

 D5FFEA

Harmonies

Analogous

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



A792E4



D583C5



EB7C9C

Triad

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



D583C5



B49D49



00B3CA

Complementary

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



D583C5



83D593

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.



00B4A1



D583C5



89A956

Square

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



D583C5



D58F55



52B177



00ADE7

Rectangle

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



D583C5



EC7E81



52B177



00B3BD

Sweetspot

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



D583C5



FFE0F9



9283D5



806E7C



000000



808080

Same Dimension

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



D583C5



FF8AE8



D5839D



6B6069



AB008A



2B0023

Inverse Universe

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



D583C5



FF8AE8



83D5BB



6B6069



AB008A



2B0023

Previews

White Background



This preview shows how the Hex color D583C5 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

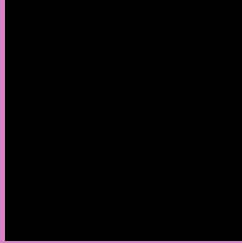
Any Text WCAG AA ✓ Pass

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 D583C5 Background



This preview shows how black text looks on a background with the Hex color D583C5.

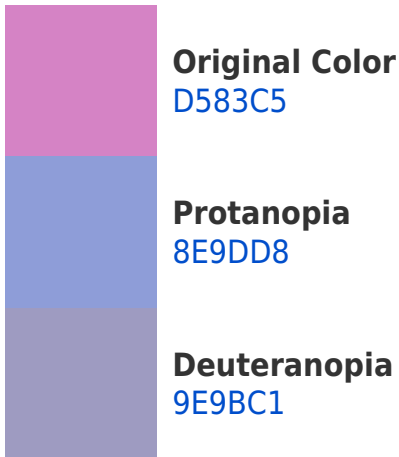


This preview shows how white text looks on a background with the Hex color D583C5.

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
CF8C97

Trichromacy



Original Color
D583C5



Protanomaly
A894D1



Deuteranomaly
B292C2

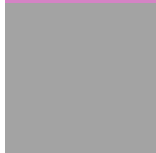


Tritanomaly
D189A8

Monochromacy



Original Color
D583C5



Achromatopsia
A3A3A3



Achromatomaly
B597AF

CSS Examples

Text

The CSS property to change the color of the text to Hex D583C5 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 #D583C5 looks like.

```
.text, #text, p{  
    color:#D583C5  
}
```

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 #D583C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D583C5
}
```

Border

The CSS property to change the border of an element to Hex D583C5 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
#D583C5 }
```

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

```
.border{ border-color:#D583C5 }
```

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

Here you see how a box with a 4 pixel #D583C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D583C5; -webkit-box-shadow:4px 4px  
4px 4px #D583C5; box-shadow:4px 4px 4px  
4px #D583C5 }
```

Background

The CSS property to change the background color of an element to Hex D583C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D583C5 }
```

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

```
.background{ background-color:#D583C5 }
```

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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