

Converting Colors

Hex(581CE3)

Have a look what the booklet for
Hex(581CE3) contains.

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Color

Hex(581CE3)

Conversions

Conversions Part 1

Format	Color
Hex	581CE3
RGB	88, 28, 227
RGB Percent	35%, 11%, 89%
CMY	0.6549, 0.8902, 0.1098
CMYK	0.61, 0.88, 0.00, 0.11
HSL	258°, 78%, 50%
HSV	258°, 88%, 89%
XYZ	18.3049, 8.4513, 73.3395
YIQ	68.6260, -28.1190, 74.6090

Conversions

Conversions Part 2

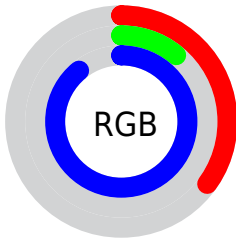
Format	Color
R _Y B	88, 28, 227
Decimal	5774563
CIE Lab	34.91, 69.32, -87.55
CIE LCh	35, 111.671, 308.373
Yxy	8.4513, 0.1829, 0.0844
Android (android.graphics.Color)	4283964643 (0xFF581CE3)
YUV	68.6260, 78.0784, 16.9910
Hunter-Lab	29.0711, 61.5200, -129.2251

Details

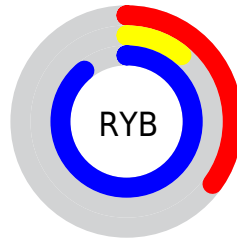
The Hex color **581CE3** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A7E31C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9A56FF**, and **0000AA** is the 20% darker color. If you saturate the color by 10%, you get **4805E3**, and if you desaturate by 10%, it is **6833E3**.

Distribution



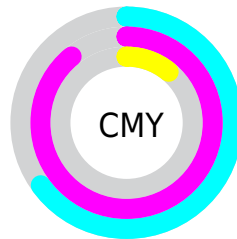
- Red (35%)
- Green (11%)
- Blue (89%)



- Red (35%)
- Yellow (11%)
- Blue (89%)



- Cyan (61%)
- Magenta (88%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 581CE3 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 581CE3 by changing the saturation by 10% instead.

■ 581CE3

■ 581CE3

FFFFFF

■ 3000C6

■ 9A56FF

■ 0000AA

■ B971FF

■ 00008E

■ D88CFF

■ 000074

■ F7A8FF

■ 000A5A

■ FFC4FF

■ 000741

■ FFE1FF

■ 00032A

■ 000114

■ 000000

■ 581CE3

■ 581CE3

■ 4805E3

■ 6833E3

■ 4400E3

■ 7849E3

■ 8860E3

■ 9777E3

■ A78EE3

■ B7A4E3

■ C7BBE3

■ D7D2E3

■ E7E8E3

Harmonies

Analogous

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



005CFF



581CE3



C50096

Triad

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



581CE3



962F00



006E6A

Complementary

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



581CE3



A7E31C

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.



006B00



581CE3



4E5800

Square

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



581CE3



C90000



006600



0070C2

Rectangle

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



581CE3



DC005C



006600



006D4B

Sweetspot

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



581CE3



D1BDFF



1CA7E3



645880



000000



808080

Same Dimension

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



581CE3



4D00FF



BB1CE3



6B6773



3600B3



0F0033

Inverse Universe

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



E31CA7



FF00B2



44E31C



73676F



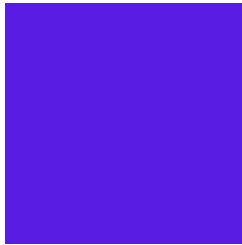
B3007D



330024

Previews

White Background



This preview shows how the Hex color 581CE3 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

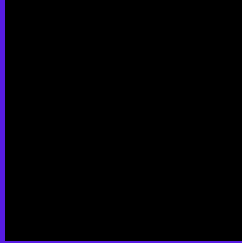
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 581CE3 Background



This preview shows how black text looks on a background with the Hex color 581CE3.

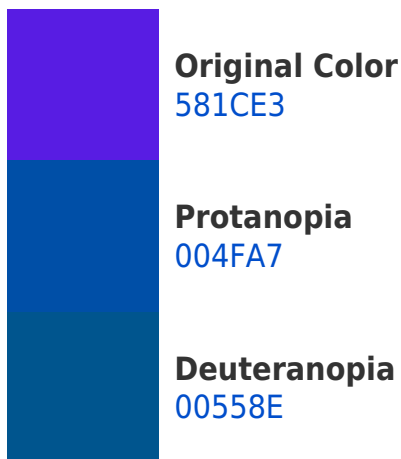


This preview shows how white text looks on a background with the Hex color 581CE3.

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



Trichromacy



Original Color
581CE3



Protanomaly
203CBD



Deuteranomaly
2040AD



Tritanomaly
284491

Monochromacy



Original Color
581CE3



Achromatopsia
454545



Achromatomaly
4C367E

CSS Examples

Text

The CSS property to change the color of the text to Hex 581CE3 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 #581CE3 looks like.

```
.text, #text, p{  
    color:#581CE3  
}
```

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 #581CE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581CE3
}
```

Border

The CSS property to change the border of an element to Hex 581CE3 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
#581CE3 }
```

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

```
.border{ border-color:#581CE3 }
```

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

Here you see how a box with a 4 pixel #581CE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581CE3; -webkit-box-shadow:4px 4px  
4px 4px #581CE3; box-shadow:4px 4px 4px  
4px #581CE3 }
```

Background

The CSS property to change the background color of an element to Hex 581CE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581CE3 }
```

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

```
.background{ background-color:#581CE3 }
```

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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