

Converting Colors

Hex(581C8E)

Have a look what the booklet for
Hex(581C8E) contains.

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Color

Hex(581C8E)

Conversions

Conversions Part 1

Format	Color
Hex	581C8E
RGB	88, 28, 142
RGB Percent	35%, 11%, 56%
CMY	0.6549, 0.8902, 0.4431
CMYK	0.38, 0.80, 0.00, 0.44
HSL	272°, 67%, 33%
HSV	272°, 80%, 56%
XYZ	9.3222, 4.8582, 26.0376
YIQ	58.9360, -0.8340, 48.1740

Conversions

Conversions Part 2

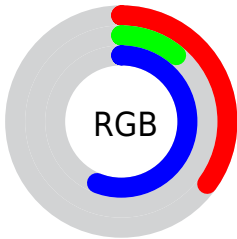
Format	Color
R _Y B	88, 28, 142
Decimal	5774478
CIE Lab	26.33, 48.14, -51.16
CIE LCh	26, 70.250, 313.258
Yxy	4.8582, 0.2318, 0.1208
Android (android.graphics.Color)	4283964558 (0xFF581C8E)
YUV	58.9360, 40.9506, 25.4891
Hunter-Lab	22.0413, 36.9230, -54.6107

Details

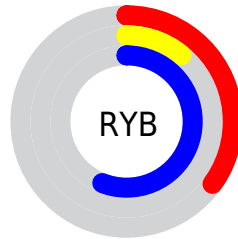
The Hex color **581C8E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **528E1C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8F50C5**, and **20005B** is the 20% darker color. If you saturate the color by 10%, you get **510E8E**, and if you desaturate by 10%, it is **5F2A8E**.

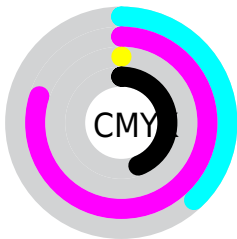
Distribution



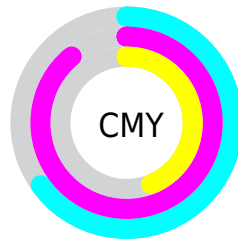
- Red (35%)
- Green (11%)
- Blue (56%)



- Red (35%)
- Yellow (11%)
- Blue (56%)



- Cyan (38%)
- Magenta (80%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (89%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 581C8E 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 581C8E by changing the saturation by 10% instead.

 581C8E

 581C8E

FFFFFF

 3D0074

 8F50C5

 20005B

 AB69E1

 000042

 C884FE

 00032B

 E59FFF

 000115

 FFBAFF

 000000

 FFD6FF

 FFF3FF

 581C8E

 581C8E

■ 510E8E

■ 5F2A8E

■ 4B008E

■ 65388E

■ 6C478E

■ 73558E

■ 7A638E

■ 80718E

■ 877F8E

■ 8E8E8E

■ 959C8E

Harmonies

Analogous

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



003FAA



581C8E



8A005F

Triad

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



581C8E



653000



005256

Complementary

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



581C8E



528E1C

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.



00501C



581C8E



374400

Square

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



581C8E



860000



004D00



005288

Rectangle

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



581C8E



95003B



004D00



005143

Sweetspot

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



581C8E



A38CB8



1C538E



4F415C



DBDBDB



5C5C5C

Same Dimension

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



581C8E



6407B8



8E1C8C



444047



470087



040008

Inverse Universe

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



8E1C52



B8075B



1C8E1E



474044



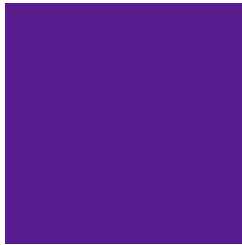
870040



080004

Previews

White Background



This preview shows how the Hex color 581C8E looks on a white background.

Color Contrast Check

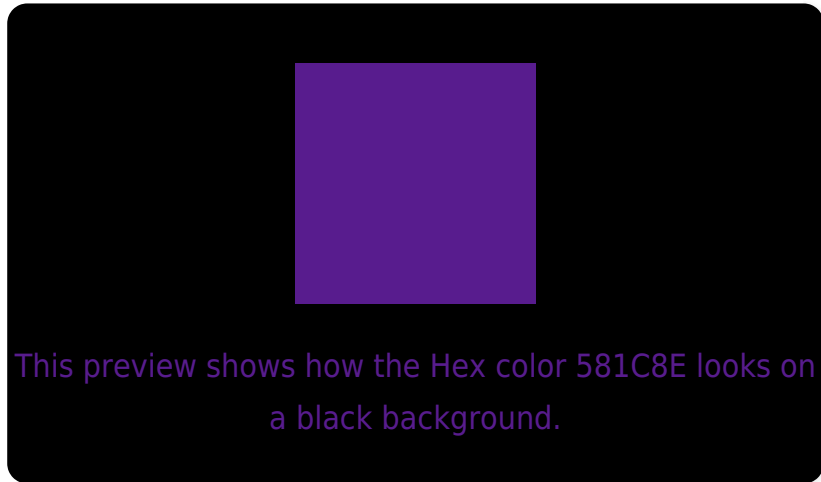
Large Text (above 18pt) WCAG AA ✓ Pass

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

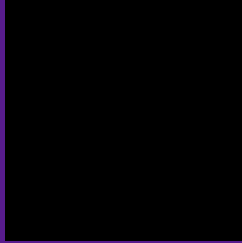
Any Text WCAG AA × Fail

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 581C8E Background



This preview shows how black text looks on a background with the Hex color 581C8E.



This preview shows how white text looks on a background with the Hex color 581C8E.

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



Original Color
581C8E

Protanopia
003D81

Deuteranopia
00416F



Tritanopia
483C41

Trichromacy



Original Color
581C8E

Protanomaly
203186

Deuteranomaly
20347A

Tritanomaly
4E305D

Monochromacy



Original Color
581C8E

Achromatopsia
3B3B3B

Achromatomaly
463059

CSS Examples

Text

The CSS property to change the color of the text to Hex 581C8E 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 #581C8E looks like.

```
.text, #text, p{  
    color:#581C8E  
}
```

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 #581C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581C8E
}
```

Border

The CSS property to change the border of an element to Hex 581C8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

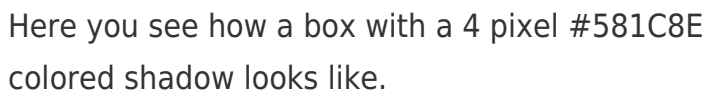
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#581C8E }
```

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

```
.border{ border-color:#581C8E }
```

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



Here you see how a box with a 4 pixel #581C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581C8E; -webkit-box-shadow:4px 4px  
4px 4px #581C8E; box-shadow:4px 4px 4px  
4px #581C8E }
```

Background

The CSS property to change the background color of an element to Hex 581C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581C8E }
```

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

```
.background{ background-color:#581C8E }
```

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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