

Converting Colors

Hex(583BB3)

Have a look what the booklet for
Hex(583BB3) contains.

Hex(583BB3)	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(583BB3)

Conversions

Conversions Part 1

Format	Color
Hex	583BB3
RGB	88, 59, 179
RGB Percent	35%, 23%, 70%
CMY	0.6549, 0.7686, 0.2980
CMYK	0.51, 0.67, 0.00, 0.30
HSL	254°, 50%, 47%
HSV	254°, 67%, 70%
XYZ	13.7252, 8.4573, 43.5569
YIQ	81.3510, -21.2360, 43.4680

Conversions

Conversions Part 2

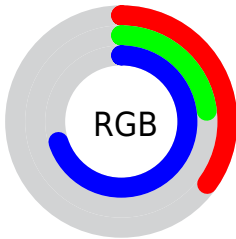
Format	Color
R_{YB}	88, 59, 179
Decimal	5782451
CIE Lab	34.92, 42.85, -59.58
CIE LCh	35, 73.383, 305.723
Yxy	8.4573, 0.2088, 0.1286
Android (android.graphics.Color)	4283972531 (0xFF583BB3)
YUV	81.3510, 48.1410, 5.8312
Hunter-Lab	29.0815, 33.3515, -68.4448

Details

The Hex color **583BB3** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **96B33B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **916CEC**, and **160B7D** is the 20% darker color. If you saturate the color by 10%, you get **4A29B3**, and if you desaturate by 10%, it is **664DB3**.

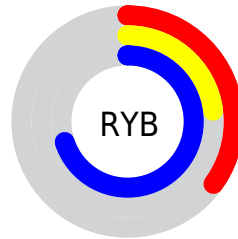
Distribution



Red (35%)

Green (23%)

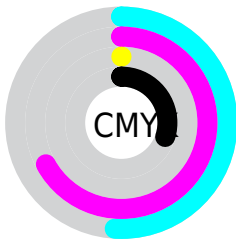
Blue (70%)



Red (35%)

Yellow (23%)

Blue (70%)

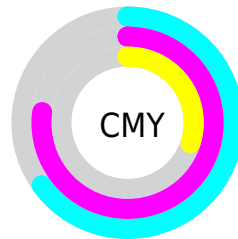


Cyan (51%)

Magenta (67%)

Yellow (0%)

Black (30%)



Cyan (65%)

Magenta (77%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583BB3 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 583BB3 by changing the saturation by 10% instead.

■ 583BB3

■ 583BB3

FFFFFF

■ 3A2398

■ 916CEC

■ 160B7D

■ AE86FF

■ 000063

■ CBA1FF

■ 00004B

■ E9BCFF

■ 000433

■ FFD8FF

■ 00021D

■ FFF5FF

■ 000000

■ 583BB3

■ 583BB3

■ 4A29B3

■ 664DB3

■ 3D17B3

■ 735FB3

■ 2F05B3

■ 8171B3

■ 2B00B3

■ 8E83B3

■ 9C95B3

■ A9A6B3

■ B7B8B3

■ C5CAB3

■ D2DCB3

Harmonies

Analogous

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



0057C9



583BB3



9D0083

Triad

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



583BB3



8A3B00



00695C

Complementary

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



583BB3



96B33B

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.



00661C



583BB3



5B5400

Square

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



583BB3



A90010



116000



006996

Rectangle

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



583BB3



B0005D



116000



006848

Sweetspot

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



583BB3



C5BAE8



3B97B3



605975



F5F5F5



757575

Same Dimension

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



583BB3



5B2EE8



933BB3



525059



250099



06001A

Inverse Universe

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



B33B96



E82EBB



5BB33B



595057



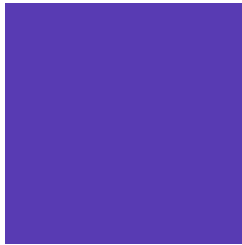
990074



1A0013

Previews

White Background



This preview shows how the Hex color 583BB3 looks on a white background.

Color Contrast Check

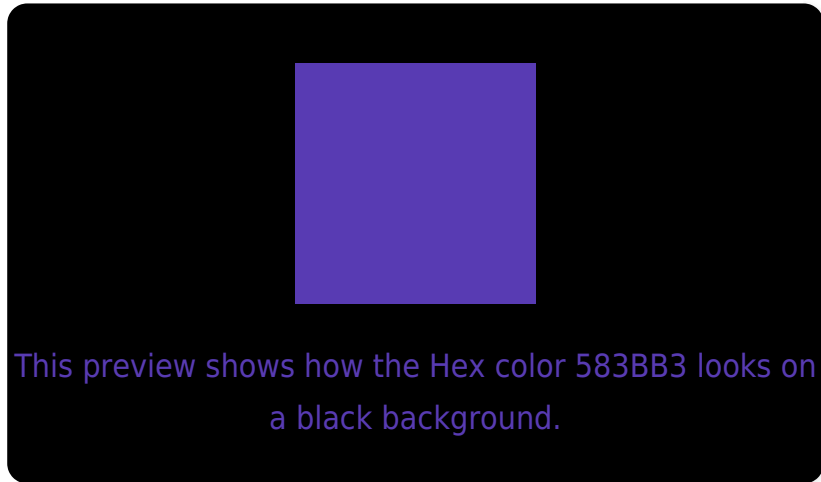
Large Text (above 18pt) WCAG AA ✓ Pass

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

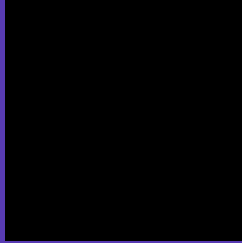
Any Text WCAG AA × Fail

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 583BB3 Background



This preview shows how black text looks on a background with the Hex color 583BB3.

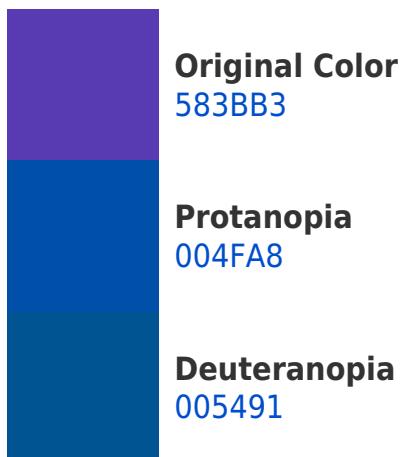



This preview shows how white text looks on a background with the Hex color 583BB3.

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](#).

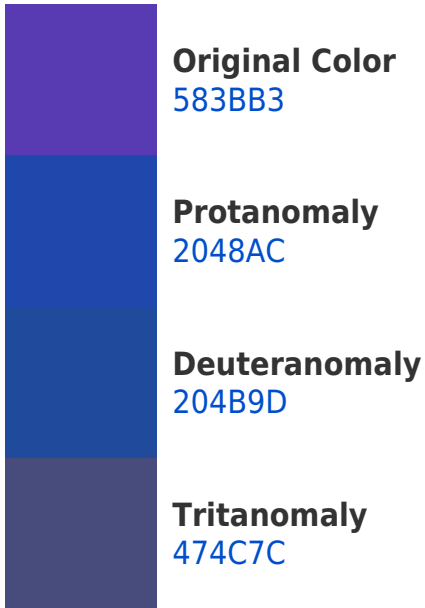
Dichromacy





Tritanopia
3E565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 583BB3 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 #583BB3 looks like.

```
.text, #text, p{  
    color:#583BB3  
}
```

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 #583BB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583BB3
}
```

Border

The CSS property to change the border of an element to Hex 583BB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

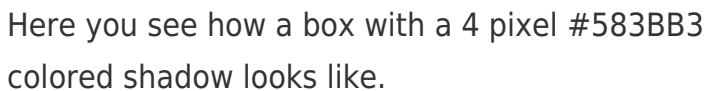
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583BB3 }
```

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

```
.border{ border-color:#583BB3 }
```

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



Here you see how a box with a 4 pixel #583BB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583BB3; -webkit-box-shadow:4px 4px  
4px 4px #583BB3; box-shadow:4px 4px 4px  
4px #583BB3 }
```

Background

The CSS property to change the background color of an element to Hex 583BB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583BB3 }
```

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

```
.background{ background-color:#583BB3 }
```

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