

Converting Colors

Hex(583983)

Have a look what the booklet for
Hex(583983) contains.

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Color

Hex(583983)

Conversions

Conversions Part 1

Format	Color
Hex	583983
RGB	88, 57, 131
RGB Percent	35%, 22%, 51%
CMY	0.6549, 0.7765, 0.4863
CMYK	0.33, 0.56, 0.00, 0.49
HSL	265°, 39%, 37%
HSV	265°, 56%, 51%
XYZ	9.5844, 6.6397, 22.2492
YIQ	74.7050, -5.2780, 29.5860

Conversions

Conversions Part 2

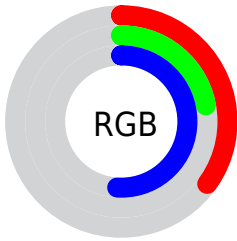
Format	Color
R_{YB}	88, 57, 131
Decimal	5781891
CIE _{Lab}	30.97, 30.26, -36.81
CIE _{LCh}	31, 47.655, 309.419
Yxy	6.6397, 0.2491, 0.1726
Android (android.graphics.Color)	4283971971 (0xFF583983)
YUV	74.7050, 27.7534, 11.6597
Hunter-Lab	25.7675, 21.3008, -33.1571

Details

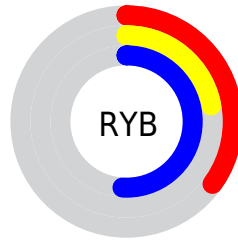
The Hex color **583983** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **648339**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8C69B9**, and **250C51** is the 20% darker color. If you saturate the color by 10%, you get **502C83**, and if you desaturate by 10%, it is **604683**.

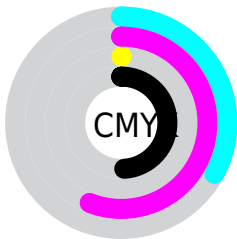
Distribution



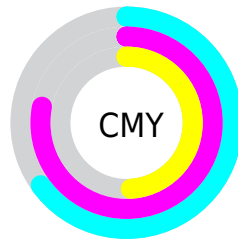
- Red (35%)
- Green (22%)
- Blue (51%)



- Red (35%)
- Yellow (22%)
- Blue (51%)



- Cyan (33%)
- Magenta (56%)
- Yellow (0%)
- Black (49%)



- Cyan (65%)
- Magenta (78%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583983 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 583983 by changing the saturation by 10% instead.

■ 583983

■ 583983

FFFFFF

■ 3F2269

■ 8C69B9

■ 250C51

■ A883D4

■ 12003A

■ C39DF1

■ 000223

■ E0B8FF

■ 00000A

■ FDD4FF

■ 000000

■ FFF0FF

■ 583983

■ 583983

■ 502C83

■ 604683

■ 491F83

■ 675383

■ 411283

■ 6F6083

■ 3A0583

■ 766D83

■ 370083

■ 7E7A83

■ 868883

■ 8D9583

■ 95A283

■ 9DAF83

Harmonies

Analogous

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



004A93



583983



7D2564

Triad

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



583983



6E3D00



005954

Complementary

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



583983



648339

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.



00582D



583983



4F4B00

Square

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



583983



832B1B



245303



005978

Rectangle

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



583983



881D4B



245303



005947

Sweetspot

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



583983



9A8EAB



396483



4D4557



D6D6D6



575757

Same Dimension

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



583983



6737AB



7D3983



3E3C42



360082



010003

Inverse Universe

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



833964



AB377A



3F8339



423C40



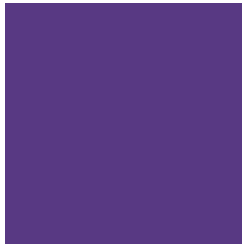
82004C



030001

Previews

White Background



This preview shows how the Hex color 583983 looks on a white background.

Color Contrast Check

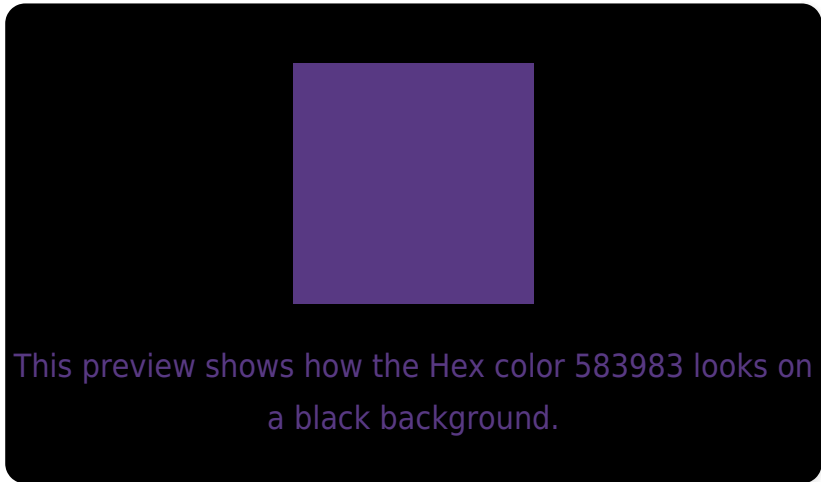
Large Text (above 18pt) WCAG AA ✓ Pass

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

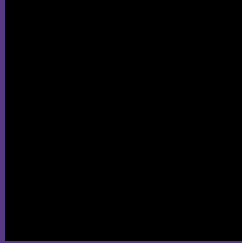
Any Text WCAG AA × Fail

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 583983 Background



This preview shows how black text looks on a background with the Hex color 583983.



This preview shows how white text looks on a background with the Hex color 583983.

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
583983

Protanopia
194791

Deuteranopia
1D4A7F



Tritanopia
4D474D

Trichromacy



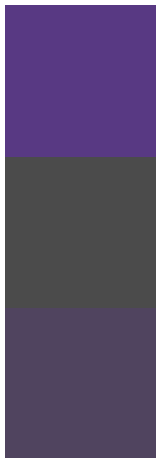
Original Color
583983

Protanomaly
30428C

Deuteranomaly
324480

Tritanomaly
514261

Monochromacy



Original Color
583983

Achromatopsia
4B4B4B

Achromatomaly
50445F

CSS Examples

Text

The CSS property to change the color of the text to Hex 583983 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 #583983 looks like.

```
.text, #text, p{  
    color:#583983  
}
```

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 #583983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583983
}
```

Border

The CSS property to change the border of an element to Hex 583983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

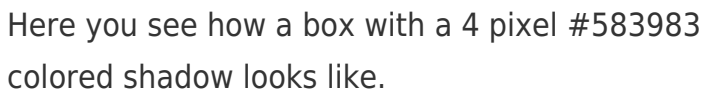
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583983 }
```

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

```
.border{ border-color:#583983 }
```

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



Here you see how a box with a 4 pixel #583983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583983; -webkit-box-shadow:4px 4px  
4px 4px #583983; box-shadow:4px 4px 4px  
4px #583983 }
```

Background

The CSS property to change the background color of an element to Hex 583983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583983 }
```

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

```
.background{ background-color:#583983 }
```

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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