

Converting Colors

Hex(583A85)

Have a look what the booklet for
Hex(583A85) contains.

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Color

Hex(583A85)

Conversions

Conversions Part 1

Format	Color
Hex	583A85
RGB	88, 58, 133
RGB Percent	35%, 23%, 52%
CMY	0.6549, 0.7725, 0.4784
CMYK	0.34, 0.56, 0.00, 0.48
HSL	264°, 39%, 37%
HSV	264°, 56%, 52%
XYZ	9.7712, 6.7943, 22.9867
YIQ	75.5200, -6.1950, 29.6850

Conversions

Conversions Part 2

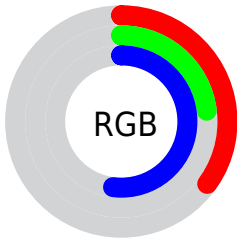
Format	Color
R_{YB}	88, 58, 133
Decimal	5782149
CIE _{Lab}	31.33, 30.20, -37.48
CIE _{LCh}	31, 48.133, 308.865
Yxy	6.7943, 0.2470, 0.1718
Android (android.graphics.Color)	4283972229 (0xFF583A85)
YUV	75.5200, 28.3376, 10.9450
Hunter-Lab	26.0658, 21.2984, -34.0401

Details

The Hex color **583A85** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **67853A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8D6ABB**, and **250D53** is the 20% darker color. If you saturate the color by 10%, you get **502D85**, and if you desaturate by 10%, it is **604785**.

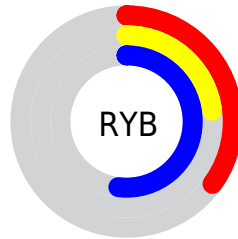
Distribution



Red (35%)

Green (23%)

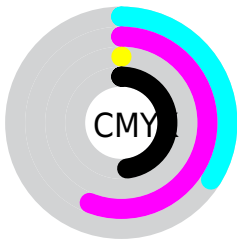
Blue (52%)



Red (35%)

Yellow (23%)

Blue (52%)

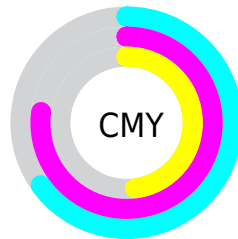


Cyan (34%)

Magenta (56%)

Yellow (0%)

Black (48%)



Cyan (65%)

Magenta (77%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583A85 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 583A85 by changing the saturation by 10% instead.

■ 583A85

■ 583A85

FFFFFF

■ 3F236B

■ 8D6ABB

■ 250D53

■ A884D7

■ 11003B

■ C49EF3

■ 000225

■ E0B9FF

■ 00010D

■ FDD5FF

■ 000000

■ FFF2FF

■ 583A85

■ 583A85

■ 502D85

■ 604785

■ 481F85

■ 685585

■ 401285

■ 706285

■ 380585

■ 786F85

■ 350085

■ 807D85

■ 888A85

■ 909785

■ 98A485

■ A0B285

Harmonies

Analogous

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



004B95



583A85



7E2666

Triad

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



583A85



6F3E00



005A54

Complementary

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



583A85



67853A

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.



00592D



583A85



504C00

Square

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



583A85



852B1C



265402



005A78

Rectangle

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



583A85



8A1D4D



265402



005A47

Sweetspot

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



583A85



9C90AD



3A6785



4C4557



D6D6D6



575757

Same Dimension

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



583A85



6737AD



7E3A85



3E3C42



340082



010003

Inverse Universe

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



853A67



AD377E



42853A



423C40



82004E



030002

Previews

White Background



This preview shows how the Hex color 583A85 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

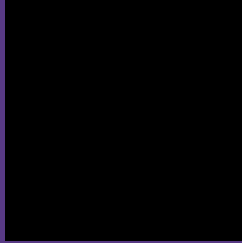
Any Text WCAG AA × Fail

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 583A85 Background



This preview shows how black text looks on a background with the Hex color 583A85.



This preview shows how white text looks on a background with the Hex color 583A85.

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
4D484E

Trichromacy



Original Color
583A85

Protanomaly
30428E

Deuteranomaly
324582

Tritanomaly
514362

Monochromacy



Original Color
583A85

Achromatopsia
4C4C4C

Achromatomaly
504561

CSS Examples

Text

The CSS property to change the color of the text to Hex 583A85 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 #583A85 looks like.

```
.text, #text, p{  
    color:#583A85  
}
```

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 #583A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583A85
}
```

Border

The CSS property to change the border of an element to Hex 583A85 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
#583A85 }
```

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

```
.border{ border-color:#583A85 }
```

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

Here you see how a box with a 4 pixel #583A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583A85; -webkit-box-shadow:4px 4px  
4px 4px #583A85; box-shadow:4px 4px 4px  
4px #583A85 }
```

Background

The CSS property to change the background color of an element to Hex 583A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583A85 }
```

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

```
.background{ background-color:#583A85 }
```

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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