

Converting Colors

Hex(583D75)

Have a look what the booklet for
Hex(583D75) contains.

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Color

Hex(583D75)

Conversions

Conversions Part 1

Format	Color
Hex	583D75
RGB	88, 61, 117
RGB Percent	35%, 24%, 46%
CMY	0.6549, 0.7608, 0.5412
CMYK	0.25, 0.48, 0.00, 0.54
HSL	269°, 31%, 35%
HSV	269°, 48%, 46%
XYZ	8.9041, 6.6965, 17.6529
YIQ	75.4570, -1.8840, 23.1400

Conversions

Conversions Part 2

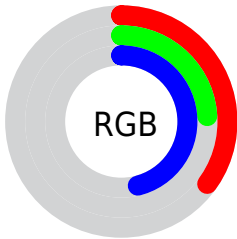
Format	Color
R_{YB}	88, 61, 117
Decimal	5782901
CIE _{Lab}	31.11, 24.04, -27.84
CIE _{LCh}	31, 36.783, 310.815
Yxy	6.6965, 0.2678, 0.2014
Android (android.graphics.Color)	4283972981 (0xFF583D75)
YUV	75.4570, 20.4807, 11.0002
Hunter-Lab	25.8777, 16.1333, -22.3313

Details

The Hex color **583D75** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5A753D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8B6DA9**, and **281144** is the 20% darker color. If you saturate the color by 10%, you get **523175**, and if you desaturate by 10%, it is **5E4975**.

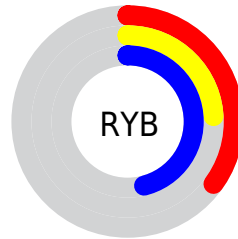
Distribution



Red (35%)

Green (24%)

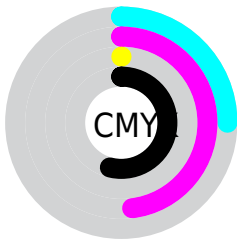
Blue (46%)



Red (35%)

Yellow (24%)

Blue (46%)

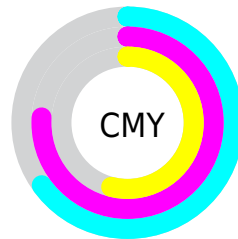


Cyan (25%)

Magenta (48%)

Yellow (0%)

Black (54%)



Cyan (65%)

Magenta (76%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583D75 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 583D75 by changing the saturation by 10% instead.

■ 583D75

■ 583D75

FFFFFF

■ 40275C

■ 8B6DA9

■ 281144

■ A687C5

■ 16002E

■ C2A1E1

■ 000118

■ DEBCFE

■ 000000

■ FBD8FF

■ FFF5FF

■ 583D75

■ 583D75

■ 523175

■ 5E4975

■ 4C2675

■ 645475

■ 461A75

■ 6A6075

■ 400E75

■ 706C75

■ 3A0375

■ 767875

■ 380075

■ 7C8375

■ 828F75

■ 889B75

■ 8FA675

Harmonies

Analogous

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



214982



583D75



74315D

Triad

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



583D75



674110



005753

Complementary

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



583D75



5A753D

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.



005635



583D75



4E4B09

Square

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



583D75



783525



2F521B



00566E

Rectangle

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



583D75



7C2E4A



2F521B



005749

Sweetspot

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



583D75



8E8499



3D5B75



463F4D



CCCCCC



4D4D4D

Same Dimension

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



583D75



6C4299



733D75



38353B



3B007A



7800FA

Inverse Universe

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



753D5A



99426F



3F753D



3B3538



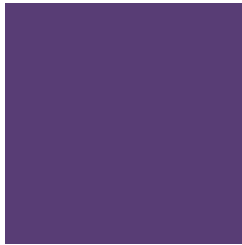
7A003F



FA0081

Previews

White Background



This preview shows how the Hex color 583D75 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

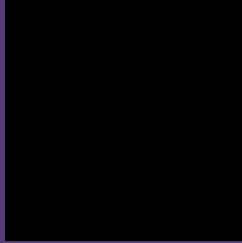
Any Text WCAG AA × Fail

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 583D75 Background



This preview shows how black text looks on a background with the Hex color 583D75.



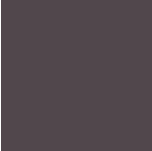
This preview shows how white text looks on a background with the Hex color 583D75.

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
51474C

Trichromacy



Original Color
583D75

Protanomaly
3F447B

Deuteranomaly
414573

Tritanomaly
54435B

Monochromacy



Original Color
583D75

Achromatopsia
4B4B4B

Achromatomaly
50465A

CSS Examples

Text

The CSS property to change the color of the text to Hex 583D75 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 #583D75 looks like.

```
.text, #text, p{  
    color:#583D75  
}
```

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 #583D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583D75
}
```

Border

The CSS property to change the border of an element to Hex 583D75 is called "border". The border property can be set on classes, ids or directly on the HTML element.

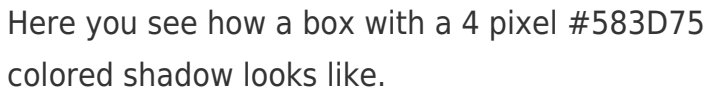
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583D75 }
```

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

```
.border{ border-color:#583D75 }
```

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



Here you see how a box with a 4 pixel #583D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583D75; -webkit-box-shadow:4px 4px  
4px 4px #583D75; box-shadow:4px 4px 4px  
4px #583D75 }
```

Background

The CSS property to change the background color of an element to Hex 583D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583D75 }
```

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

```
.background{ background-color:#583D75 }
```

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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