

Converting Colors

Hex(583A73)

Have a look what the booklet for
Hex(583A73) contains.

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Color

Hex(583A73)

Conversions

Conversions Part 1

Format	Color
Hex	583A73
RGB	88, 58, 115
RGB Percent	35%, 23%, 45%
CMY	0.6549, 0.7725, 0.5490
CMYK	0.23, 0.50, 0.00, 0.55
HSL	272°, 33%, 34%
HSV	272°, 50%, 45%
XYZ	8.6321, 6.3386, 16.9882
YIQ	73.4680, -0.4170, 24.0870

Conversions

Conversions Part 2

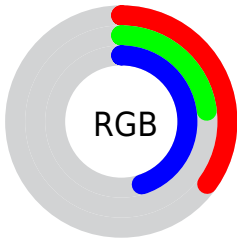
Format	Color
R_{YB}	88, 58, 115
Decimal	5782131
CIE Lab	30.25, 25.39, -27.93
CIE LCh	30, 37.742, 312.276
Yxy	6.3386, 0.2701, 0.1983
Android (android.graphics.Color)	4283972211 (0xFF583A73)
YUV	73.4680, 20.4753, 12.7446
Hunter-Lab	25.1766, 17.1415, -22.3829

Details

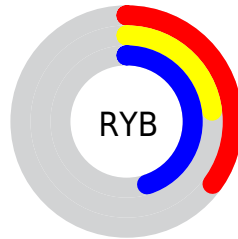
The Hex color **583A73** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **55733A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8B6AA7**, and **280E42** is the 20% darker color. If you saturate the color by 10%, you get **532F73**, and if you desaturate by 10%, it is **5D4673**.

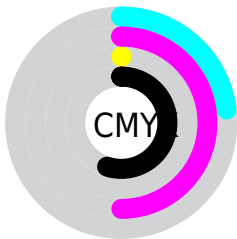
Distribution



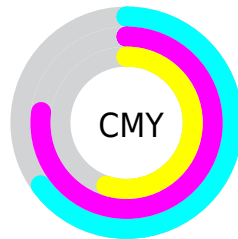
- Red (35%)
- Green (23%)
- Blue (45%)



- Red (35%)
- Yellow (23%)
- Blue (45%)



- Cyan (23%)
- Magenta (50%)
- Yellow (0%)
- Black (55%)



- Cyan (65%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583A73 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 583A73 by changing the saturation by 10% instead.

■ 583A73

■ 583A73

FFFFFF

■ 40245A

■ 8B6AA7

■ 280E42

■ A683C3

■ 17002C

■ C29EDF

■ 000116

■ DEB9FB

■ 000000

■ FBD5FF

■ FFF1FF

■ 583A73

■ 583A73

■ 532F73

■ 5D4673

■ 4D2373

■ 635173

■ 481873

■ 685D73

■ 420C73

■ 6E6873

■ 3D0173

■ 737473

■ 3D0073

■ 797F73

■ 7E8B73

■ 849673

■ 89A273

Harmonies

Analogous

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



204781



583A73



732E5A

Triad

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



583A73



643F0A



005553

Complementary

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



583A73



55733A

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.



005434



583A73



4B4A04

Square

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



583A73



763321



2A5018



00546E

Rectangle

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



583A73



7B2A46



2A5018



005549

Sweetspot

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



583A73



8C8096



3A5673



463F4D



CCCCCC



4D4D4D

Same Dimension

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



583A73



6C3E96



733A72



38353B



40007A



8400FA

Inverse Universe

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



733A55



963E68



3A733B



3B3538



7A003A



FA0076

Previews

White Background



This preview shows how the Hex color 583A73 looks on a white background.

Color Contrast Check

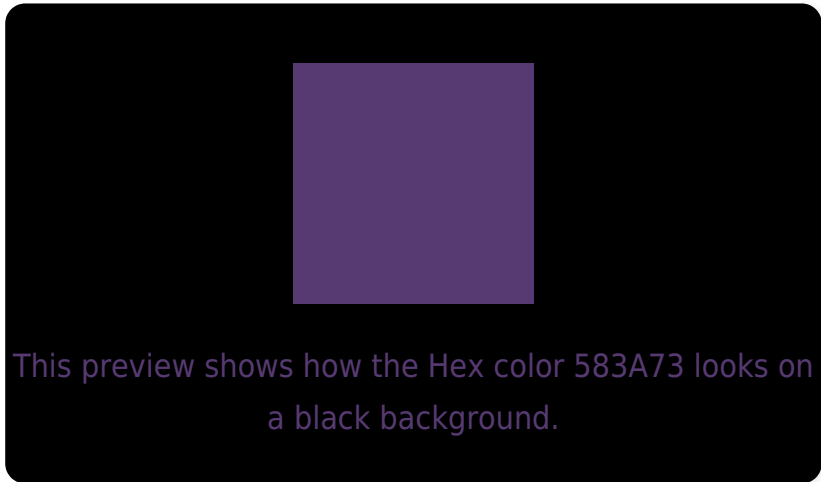
Large Text (above 18pt) WCAG AA ✓ Pass

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

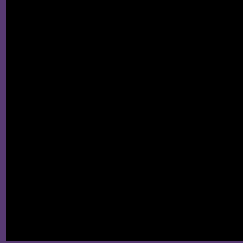
Any Text WCAG AA × Fail

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 583A73 Background



This preview shows how black text looks on a background with the Hex color 583A73.



This preview shows how white text looks on a background with the Hex color 583A73.

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
514449

Trichromacy



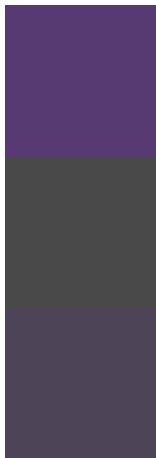
Original Color
583A73

Protanomaly
3D427A

Deuteranomaly
404371

Tritanomaly
544058

Monochromacy



Original Color
583A73

Achromatopsia
494949

Achromatomaly
4E4458

CSS Examples

Text

The CSS property to change the color of the text to Hex 583A73 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 #583A73 looks like.

```
.text, #text, p{  
    color:#583A73  
}
```

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 #583A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583A73  
}
```

Border

The CSS property to change the border of an element to Hex 583A73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

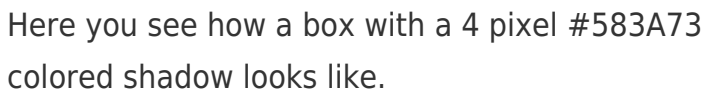
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#583A73 }
```

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

```
.border{ border-color:#583A73 }
```

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



Here you see how a box with a 4 pixel #583A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583A73; -webkit-box-shadow:4px 4px  
4px 4px #583A73; box-shadow:4px 4px 4px  
4px #583A73 }
```

Background

The CSS property to change the background color of an element to Hex 583A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583A73 }
```

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

```
.background{ background-color:#583A73 }
```

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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