

Converting Colors

Hex(59596F)

Have a look what the booklet for
Hex(59596F) contains.

Hex(59596F)	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(59596F)

Conversions

Conversions Part 1

Format	Color
Hex	59596F
RGB	89, 89, 111
RGB Percent	35%, 35%, 44%
CMY	0.6510, 0.6510, 0.5647
CMYK	0.20, 0.20, 0.00, 0.56
HSL	240°, 11%, 39%
HSV	240°, 20%, 44%
XYZ	10.5614, 10.4163, 16.4928
YIQ	91.5080, -7.0620, 6.8420

Conversions

Conversions Part 2

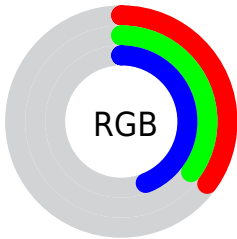
Format	Color
R_{YB}	89, 89, 111
Decimal	5855599
CIE _{Lab}	38.58, 5.12, -12.51
CIE _{LCh}	39, 13.519, 292.273
Yxy	10.4163, 0.2819, 0.2780
Android (android.graphics.Color)	4284045679 (0xFF59596F)
YUV	91.5080, 9.6096, -2.1995
Hunter-Lab	32.2743, 1.9324, -7.7064

Details

The Hex color **59596F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6F59**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8B8BA3**, and **2B2C3F** is the 20% darker color. If you saturate the color by 10%, you get **4E4E6F**, and if you desaturate by 10%, it is **64646F**.

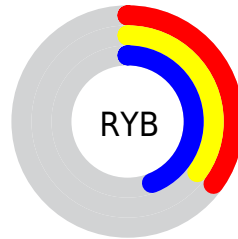
Distribution



 Red (35%)

 Green (35%)

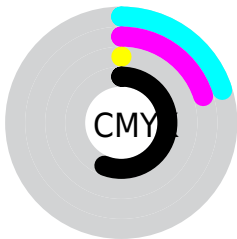
 Blue (44%)




 Red (35%)

 Yellow (35%)

 Blue (44%)

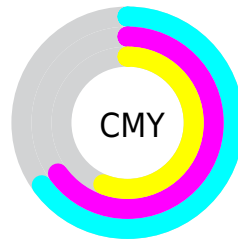



 Cyan (20%)


 Magenta (20%)

 Yellow (0%)

 Black (56%)



 Cyan (65%)

 Magenta (65%)

 Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59596F 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 59596F by changing the saturation by 10% instead.

■ 59596F

■ 59596F

FFFFFF

■ 414257

■ 8B8BA3

■ 2B2C3F

■ A6A5BE

■ 161729

■ C1C0DA

■ 000115

■ DDDCF6

■ 000000

■ F9F9FF

■ 59596F

■ 59596F

■ 4E4E6F

■ 64646F

■ 43436F

■ 6F6F6F

■ 38386F

■ 7A7A6F

■ 2D2D6F

■ 85856F

■ 21216F

■ 90906F

■ 16166F

■ 9C9C6F

■ 0B0B6F

■ A7A76F

■ 00006F

■ B2B26F

■ BDBD6F

Harmonies

Analogous

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



4A5D70



59596F



665568

Triad

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



59596F



6E564A



436157

Complementary

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



59596F



6F6F59

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.



4E5F4D



59596F



665945

Square

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



59596F



725353



5A5D46



3C6163

Rectangle

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



59596F



6D5462



5A5D46



466154

Sweetspot

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



59596F



898991



596F6F



45454A



C9C9C9



4A4A4A

Same Dimension

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



59596F



6E6E91



64596F



323238



000078



0000F7

Inverse Universe

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



6F596F



916E91



646F59



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 59596F looks on a white background.

Color Contrast Check

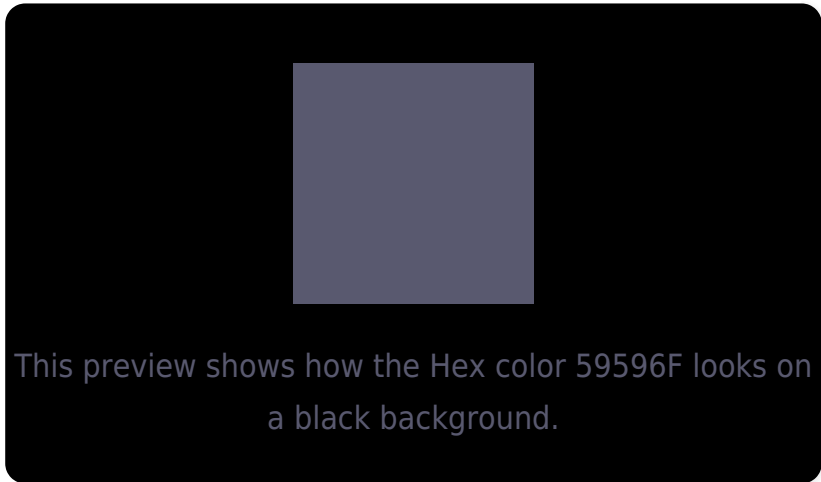
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

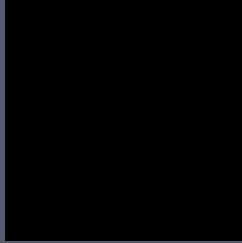
Any Text WCAG AA × Fail

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 59596F Background



This preview shows how black text looks on a background with the Hex color 59596F.

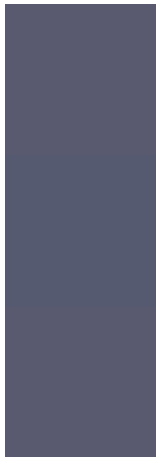


This preview shows how white text looks on a background with the Hex color 59596F.

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
59596F

Protanopia
565A70

Deuteranopia
59596F



Tritanopia
575B62

Trichromacy



Original Color
59596F

Protanomaly
575A70

Deuteranomaly
59596F

Tritanomaly
585A67

Monochromacy



Original Color
59596F

Achromatopsia
5C5C5C

Achromatomaly
5B5B63

CSS Examples

Text

The CSS property to change the color of the text to Hex 59596F 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 #59596F looks like.

```
.text, #text, p{  
    color:#59596F  
}
```

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 #59596F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59596F
}
```

Border

The CSS property to change the border of an element to Hex 59596F is called "border". The border property can be set on classes, ids or directly on the HTML element.

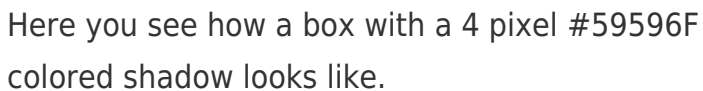
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59596F }
```

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

```
.border{ border-color:#59596F }
```

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



Here you see how a box with a 4 pixel #59596F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59596F; -webkit-box-shadow:4px 4px  
4px 4px #59596F; box-shadow:4px 4px 4px  
4px #59596F }
```

Background

The CSS property to change the background color of an element to Hex 59596F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59596F }
```

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

```
.background{ background-color:#59596F }
```

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