

# Converting Colors

Hex(73595F)

Have a look what the booklet for  
Hex(73595F) contains.

<b>Hex(73595F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(73595F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73595F
RGB	115, 89, 95
RGB Percent	45%, 35%, 37%
CMY	0.5490, 0.6510, 0.6275
CMYK	0.00, 0.23, 0.17, 0.55
HSL	346°, 13%, 40%
HSV	346°, 23%, 45%
XYZ	12.7082, 11.6158, 12.3988
YIQ	97.4580, 13.5700, 7.3780

# Conversions

## Conversions Part 2

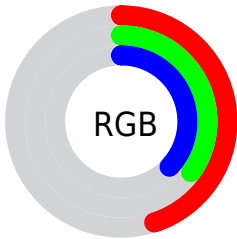
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 89, 95
Decimal	7559519
CIE <sub>Lab</sub>	40.60, 11.71, 0.64
CIE <sub>LCh</sub>	41, 11.730, 3.149
Yxy	11.6158, 0.3461, 0.3163
Android (android.graphics.Color)	4285749599 (0xFF73595F)
YUV	97.4580, -1.2118, 15.3843
Hunter-Lab	34.0820, 6.9139, 2.2882

# Details

The Hex color **73595F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **59736D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A78B91**, and **422B31** is the 20% darker color. If you saturate the color by 10%, you get **734E56**, and if you desaturate by 10%, it is **736568**.

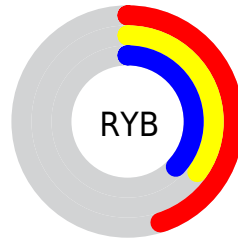
# Distribution



Red (45%)

Green (35%)

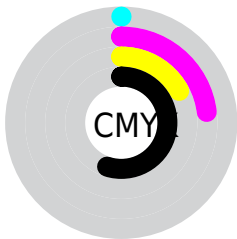
Blue (37%)



Red (45%)

Yellow (35%)

Blue (37%)

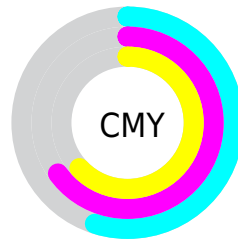


Cyan (0%)

Magenta (23%)

Yellow (17%)

Black (55%)



Cyan (55%)

Magenta (65%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73595F 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 73595F by changing the saturation by 10% instead.



73595F

73595F

FFFFFF

5A4247

A78B91

422B31

C3A5AC

2C161C

DFC1C7

1A0001

FBDDE3

000000

FFF9FF

73595F

73595F

734E56

736568

73424D

737071

 733644

 737C7A

 732B3C

 738782

 731F33

 73938B

 73142A

 739E94

 730821

 73AA9D

 73001B

 73B5A6

 73C1AF

# Harmonies

## Analogous

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



6D5A69



73595F



735A56

# Triad

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



73595F



5C6250



4B6370

# Complementary

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



73595F



59736D

# 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.



46656A



73595F



516457

# Square

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



73595F



665F4D



496560



566073

# Rectangle

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



73595F



715B51



496560



49646F



# Sweetspot

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



73595F



968C8E



6D5973



4D4648



CCCCCC



4D4D4D



# Same Dimension

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



73595F



966E77



736059



3B3536



7A001C



FA003A



# Inverse Universe

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



73595F



966E77



596C73



3B3536



7A001C

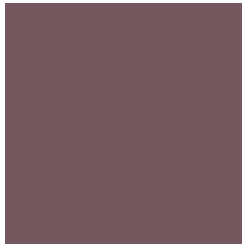


FA003A



# Previews

## White Background



This preview shows how the Hex color 73595F looks on a white background.

## Color Contrast Check

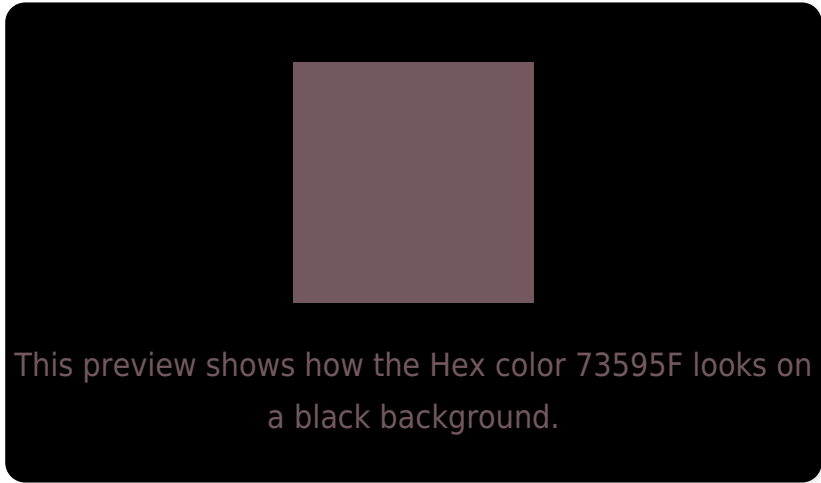
Large Text (above 18pt) WCAG AA ✓ Pass

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

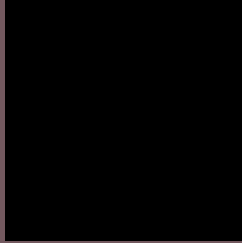
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73595F Background



This preview shows how black text looks on a background with the Hex color 73595F.



This preview shows how white text looks on a background with the Hex color 73595F.

# 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**  
73595F

**Protanopia**  
615F63

**Deuteranopia**  
6A5D5E



**Tritanopia**  
735960

# Trichromacy



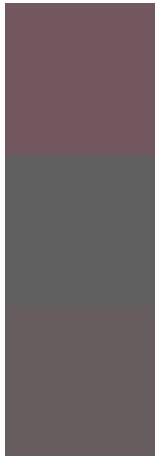
**Original Color**  
73595F

**Protanomaly**  
685D62

**Deuteranomaly**  
6D5C5E

**Tritanomaly**  
735960

# Monochromacy



**Original Color**  
73595F

**Achromatopsia**  
616161

**Achromatomaly**  
685E60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73595F 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 #73595F looks like.

```
.text, #text, p{  
    color:#73595F  
}
```

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 #73595F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73595F
}
```

## Border

The CSS property to change the border of an element to Hex 73595F is called "border". The border property can be set on classes, ids or directly on the HTML element.

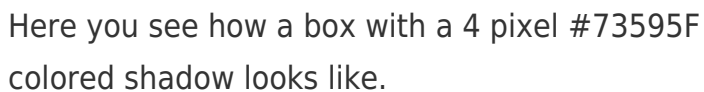
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73595F }
```

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

```
.border{ border-color:#73595F }
```

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



Here you see how a box with a 4 pixel #73595F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73595F; -webkit-box-shadow:4px 4px  
4px 4px #73595F; box-shadow:4px 4px 4px  
4px #73595F }
```

# Background

The CSS property to change the background color of an element to Hex 73595F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73595F }
```

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

```
.background{ background-color:#73595F }
```

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