

# Converting Colors

Hex(73586F)

Have a look what the booklet for  
Hex(73586F) contains.

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# Color

**Hex(73586F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73586F
RGB	115, 88, 111
RGB Percent	45%, 35%, 44%
CMY	0.5490, 0.6549, 0.5647
CMYK	0.00, 0.23, 0.03, 0.55
HSL	309°, 13%, 40%
HSV	309°, 23%, 45%
XYZ	13.4292, 11.7720, 16.6033
YIQ	98.6950, 8.7090, 12.8770

# Conversions

## Conversions Part 2

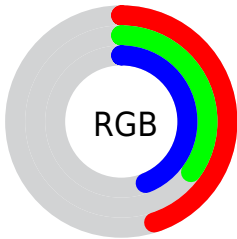
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 88, 111
Decimal	7559279
CIE <sub>Lab</sub>	40.85, 15.37, -8.83
CIE <sub>LCh</sub>	41, 17.727, 330.122
Yxy	11.7720, 0.3212, 0.2816
Android (android.graphics.Color)	4285749359 (0xFF73586F)
YUV	98.6950, 6.0664, 14.2995
Hunter-Lab	34.3103, 9.8226, -4.6742

# Details

The Hex color **73586F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **58735C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A78AA3**, and **422A3F** is the 20% darker color. If you saturate the color by 10%, you get **734D6D**, and if you desaturate by 10%, it is **736371**.

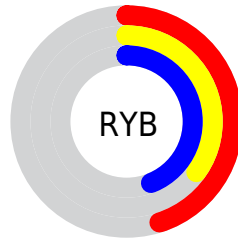
# Distribution



Red (45%)

Green (35%)

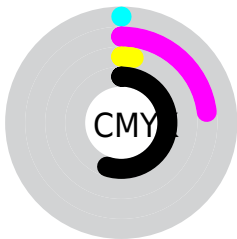
Blue (44%)



Red (45%)

Yellow (35%)

Blue (44%)

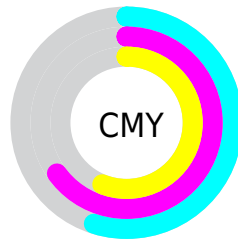


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (55%)



Cyan (55%)

Magenta (65%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73586F 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 73586F by changing the saturation by 10% instead.





73586F



73586F

FFFFFF



5A4057



A78AA3



422A3F



C3A4BE



2C1529



DFC0D9



1A0015



FBDCF6



000000



FFF8FF



73586F



73586F



734D6D



736371



73416C



736F72

73366A

737A74

732A68

738676

731F66

739278

731365

739D79

730763

73A97B

730062

73B47D

73C07E

# Harmonies

## Analogous

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



635D79



73586F



7C5661

# Triad

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



73586F



6B5F43



34686E

# Complementary

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



73586F



58735C

# 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.



3C6860



73586F



5B6447

# Square

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



73586F



775B48



4B6751



3C6679

# Rectangle

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



73586F



7E5657



4B6751



35686A



# Sweetspot

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



73586F



968C95



5C5873



4D464C



CCCCCC



4D4D4D



# Same Dimension

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



73586F



966C90



735862



3B353A



7A0068



FA00D5



# Inverse Universe

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



73586F



966C90



587369



3B353A



7A0068



FA00D5



# Previews

## White Background



This preview shows how the Hex color 73586F looks on a white background.

## Color Contrast Check

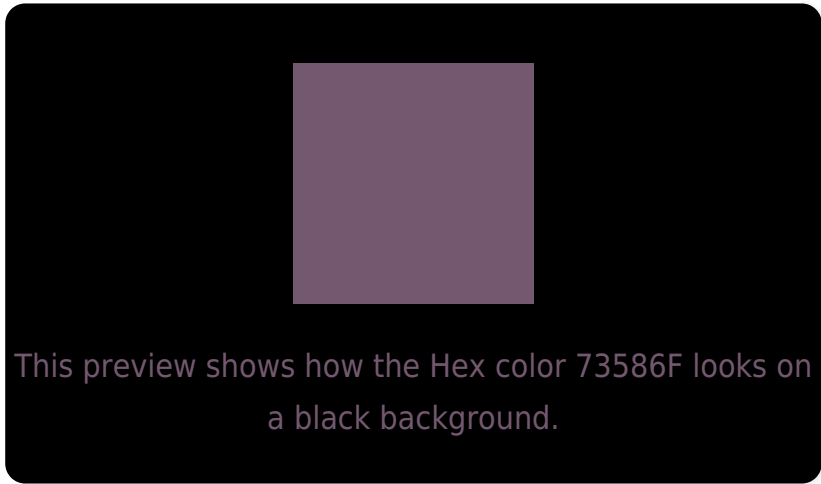
Large Text (above 18pt) WCAG AA ✓ Pass

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

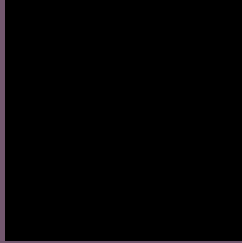
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73586F Background



This preview shows how black text looks on a background with the Hex color 73586F.



This preview shows how white text looks on a background with the Hex color 73586F.

# 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**  
73586F

**Protanopia**  
5C6074

**Deuteranopia**  
645E6E



**Tritanopia**  
715A61

# Trichromacy



**Original Color**  
73586F

**Protanomaly**  
645D72

**Deuteranomaly**  
695C6E

**Tritanomaly**  
725966

# Monochromacy



**Original Color**  
73586F

**Achromatopsia**  
636363

**Achromatomaly**  
695F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73586F 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 #73586F looks like.

```
.text, #text, p{  
    color:#73586F  
}
```

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 #73586F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73586F
}
```

## Border

The CSS property to change the border of an element to Hex 73586F is called "border". The border property can be set on classes, ids or directly on the HTML element.

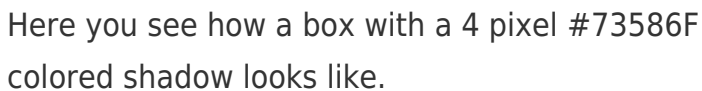
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73586F }
```

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

```
.border{ border-color:#73586F }
```

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



Here you see how a box with a 4 pixel #73586F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73586F; -webkit-box-shadow:4px 4px  
4px 4px #73586F; box-shadow:4px 4px 4px  
4px #73586F }
```

# Background

The CSS property to change the background color of an element to Hex 73586F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73586F }
```

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

```
.background{ background-color:#73586F }
```

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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