

# Converting Colors

Hex(73556E)

Have a look what the booklet for  
Hex(73556E) contains.

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# Color

**Hex(73556E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73556E
RGB	115, 85, 110
RGB Percent	45%, 33%, 43%
CMY	0.5490, 0.6667, 0.5686
CMYK	0.00, 0.26, 0.04, 0.55
HSL	310°, 15%, 39%
HSV	310°, 26%, 45%
XYZ	13.1332, 11.2676, 16.2345
YIQ	96.8200, 9.8550, 14.1350

# Conversions

## Conversions Part 2

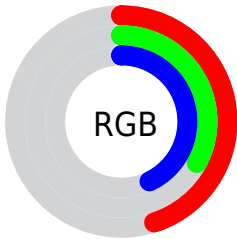
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 85, 110
Decimal	7558510
CIE <sub>Lab</sub>	40.03, 16.99, -9.45
CIE <sub>LCh</sub>	40, 19.446, 330.913
Yxy	11.2676, 0.3232, 0.2773
Android (android.graphics.Color)	4285748590 (0xFF73556E)
YUV	96.8200, 6.4977, 15.9439
Hunter-Lab	33.5673, 11.0954, -5.1780

# Details

The Hex color **73556E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **55735A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A787A2**, and **42273E** is the 20% darker color. If you saturate the color by 10%, you get **73496C**, and if you desaturate by 10%, it is **736170**.

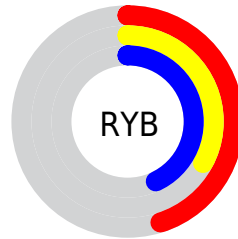
# Distribution



Red (45%)

Green (33%)

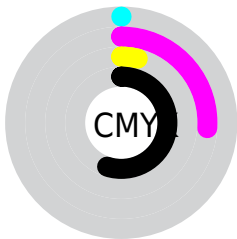
Blue (43%)



Red (45%)

Yellow (33%)

Blue (43%)

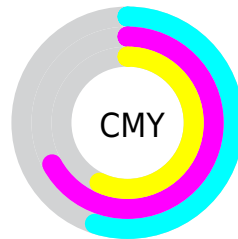


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (55%)



Cyan (55%)

Magenta (67%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73556E 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 73556E by changing the saturation by 10% instead.



■ 73556E

■ 73556E

FFFFFF

■ 5A3E56

■ A787A2

■ 42273E

■ C3A1BD

■ 2C1228

■ DFBCD8

■ 1A0015

■ FBD8F5

■ 000000

■ FFF5FF

■ 73556E

■ 73556E

■ 73496C

■ 736170

■ 733E6A

■ 736C72

733268

737874

732766

738376

731B64

738F78

731062

739A7A

730461

73A57B

730060

73B17D

73BC7F

# Harmonies

## Analogous

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



615A79



73556E



7D535E

# Triad

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



73556E



695D3F



2B676E

# Complementary

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



73556E



55735A

# 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.



34675E



73556E



586243

# Square

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



73556E



765843



46664E



35647A

# Rectangle

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



73556E



7E5354



46664E



2D6769



# Sweetspot

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



73556E



968A94



5A5573



4D454B



CCCCCC



4D4D4D



# Same Dimension

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



73556E



96688F



73555F



3B353A



7A0066



FA00D0



# Inverse Universe

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



73556E



96688F



557369



3B353A



7A0066

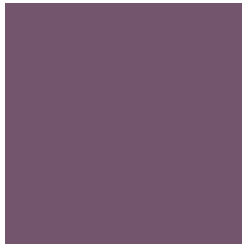


FA00D0



# Previews

## White Background



This preview shows how the Hex color 73556E looks on a white background.

## Color Contrast Check

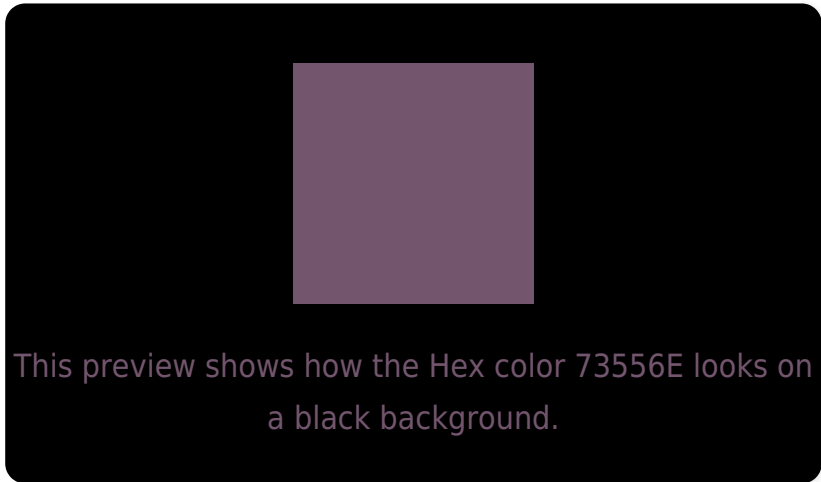
Large Text (above 18pt) WCAG AA ✓ Pass

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

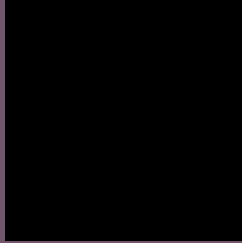
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73556E Background



This preview shows how black text looks on a background with the Hex color 73556E.



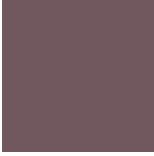
This preview shows how white text looks on a background with the Hex color 73556E.

# 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**  
71585F

# Trichromacy



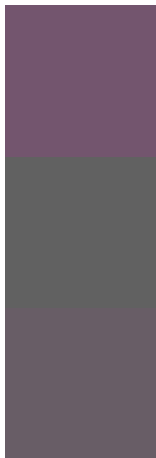
**Original Color**  
73556E

**Protanomaly**  
625B72

**Deuteranomaly**  
68596D

**Tritanomaly**  
725764

# Monochromacy



**Original Color**  
73556E

**Achromatopsia**  
616161

**Achromatomaly**  
685D66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73556E 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 #73556E looks like.

```
.text, #text, p{  
    color:#73556E  
}
```

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 #73556E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73556E
}
```

## Border

The CSS property to change the border of an element to Hex 73556E is called "border". The border property can be set on classes, ids or directly on the HTML element.

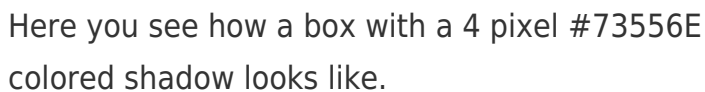
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73556E }
```

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

```
.border{ border-color:#73556E }
```

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



Here you see how a box with a 4 pixel #73556E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73556E; -webkit-box-shadow:4px 4px  
4px 4px #73556E; box-shadow:4px 4px 4px  
4px #73556E }
```

# Background

The CSS property to change the background color of an element to Hex 73556E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73556E }
```

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

```
.background{ background-color:#73556E }
```

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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