

# Converting Colors

Hex(556F6A)

Have a look what the booklet for  
Hex(556F6A) contains.

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# Color

**Hex(556F6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	556F6A
RGB	85, 111, 106
RGB Percent	33%, 44%, 42%
CMY	0.6667, 0.5647, 0.5843
CMYK	0.23, 0.00, 0.05, 0.56
HSL	168°, 13%, 38%
HSV	168°, 23%, 44%
XYZ	12.0323, 14.3408, 15.7695
YIQ	102.6560, -13.8910, -7.0670

# Conversions

## Conversions Part 2

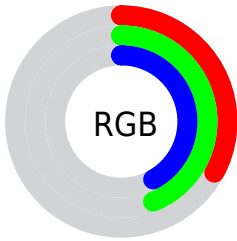
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 99, 111
Decimal	5599082
CIELab	44.72, -10.66, -0.34
CIElCh	45, 10.663, 181.854
Yxy	14.3408, 0.2855, 0.3403
Android (android.graphics.Color)	4283789162 (0xFF556F6A)
YUV	102.6560, 1.6486, -15.4843
Hunter-Lab	37.8692, -9.5560, 1.8188

# Details

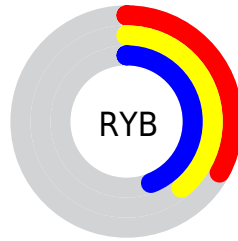
The Hex color **556F6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F555A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **87A39D**, and **273F3B** is the 20% darker color. If you saturate the color by 10%, you get **4A6F68**, and if you desaturate by 10%, it is **606F6C**.

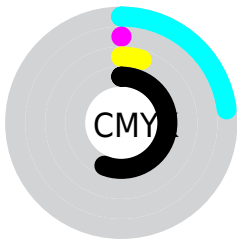
# Distribution



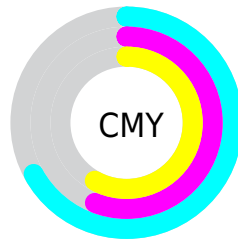
- Red (33%)
- Green (44%)
- Blue (42%)



- Red (33%)
- Yellow (39%)
- Blue (44%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (56%)



- Cyan (67%)
- Magenta (56%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 556F6A 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 556F6A by changing the saturation by 10% instead.





556F6A



556F6A

FFFFFF



3D5752



87A39D



273F3B



A2BEB8



112925



BDDAD4



001510



D9F6F0



000000



F5FFFF



556F6A



556F6A



4A6F68



606F6C



3F6F66



6B6F6E

■ 346F64

■ 766F70

■ 296F61

■ 816F73

■ 1D6F5F

■ 8D6F75

■ 126F5D

■ 986F77

■ 076F5B

■ A36F79

■ 006F5A

■ AE6F7B

■ B96F7D

# Harmonies

## Analogous

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



5C6E61



556F6A



536F73

# Triad

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



556F6A



6C6779



78665A

# Complementary

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



556F6A



6F555A

# 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.



7C6461



556F6A



766572

# Square

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



556F6A



616A7B



7C646A



706958

# Rectangle

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



556F6A



556E77



7C646A



7A665C



# Sweetspot

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



556F6A



87918F



5A6F55



444A49



C9C9C9



4A4A4A



# Same Dimension

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



556F6A



69918A



55676F



323837



007861



00F7C8



# Inverse Universe

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



6F555A



916970



6F5D55



383234



780017



F70030



# Previews

## White Background



This preview shows how the Hex color 556F6A 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

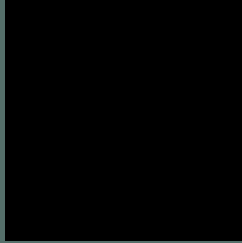
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 556F6A Background



This preview shows how black text looks on a background with the Hex color 556F6A.



This preview shows how white text looks on a background with the Hex color 556F6A.

# 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**  
556F6A

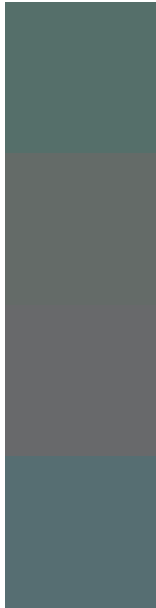
**Protanopia**  
6C6967

**Deuteranopia**  
73666C



**Tritanopia**  
576D76

# Trichromacy



**Original Color**  
556F6A

**Protanomaly**  
646B68

**Deuteranomaly**  
68696B

**Tritanomaly**  
566E72

# Monochromacy



**Original Color**  
556F6A

**Achromatopsia**  
676767

**Achromatomaly**  
606A68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 556F6A 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 #556F6A looks like.

```
.text, #text, p{  
    color:#556F6A  
}
```

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 #556F6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556F6A
}
```

## Border

The CSS property to change the border of an element to Hex 556F6A 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
#556F6A }
```

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

```
.border{ border-color:#556F6A }
```

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

Here you see how a box with a 4 pixel #556F6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556F6A; -webkit-box-shadow:4px 4px  
4px 4px #556F6A; box-shadow:4px 4px 4px  
4px #556F6A }
```

# Background

The CSS property to change the background color of an element to Hex 556F6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556F6A }
```

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

```
.background{ background-color:#556F6A }
```

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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