

# Converting Colors

Hex(536F58)

Have a look what the booklet for  
Hex(536F58) contains.

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# Color

**Hex(536F58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	536F58
RGB	83, 111, 88
RGB Percent	33%, 44%, 35%
CMY	0.6745, 0.5647, 0.6549
CMYK	0.25, 0.00, 0.21, 0.56
HSL	131°, 14%, 38%
HSV	131°, 25%, 44%
XYZ	11.0132, 13.9125, 11.3374
YIQ	100.0060, -9.3050, -13.0890

# Conversions

## Conversions Part 2

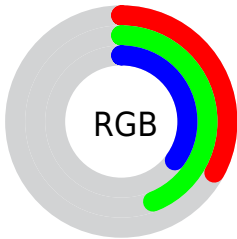
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 107, 111
Decimal	5467992
CIE <sub>Lab</sub>	44.11, -15.32, 9.54
CIE <sub>LCh</sub>	44, 18.051, 148.089
Yxy	13.9125, 0.3037, 0.3837
Android (android.graphics.Color)	4283658072 (0xFF536F58)
YUV	100.0060, -5.9190, -14.9143
Hunter-Lab	37.2994, -12.5694, 8.0879

# Details

The Hex color **536F58** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F536A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **85A38A**, and **253F2B** is the 20% darker color. If you saturate the color by 10%, you get **486F4F**, and if you desaturate by 10%, it is **5E6F61**.

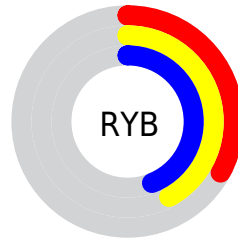
# Distribution



Red (33%)

Green (44%)

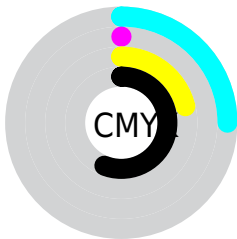
Blue (35%)



Red (33%)

Yellow (42%)

Blue (44%)

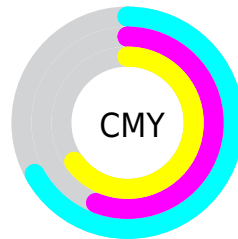


Cyan (25%)

Magenta (0%)

Yellow (21%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 536F58 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 536F58 by changing the saturation by 10% instead.



■ 536F58

■ 536F58

FFFFFF

■ 3B5741

■ 85A38A

■ 253F2B

■ 9FBEA4

■ 0F2916

■ BADABF

■ 001600

■ D6F6DB

■ 000000

■ F3FFF8

■ 536F58

■ 536F58

■ 486F4F

■ 5E6F61

■ 3D6F46

■ 696F6A

■ 326F3D

■ 746F73

■ 276F34

■ 7F6F7C

■ 1C6F2A

■ 8B6F86

■ 106F21

■ 966F8F

■ 056F18

■ A16F98

■ 006F14

■ AC6FA1

■ B76FAA

# Harmonies

## Analogous

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



646C4E



536F58



447167

# Triad

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



536F58



546A86



865E5B

# Complementary

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



536F58



6F536A

# 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.



855D6A



536F58



696583

# Square

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



536F58



426E81



7B6078



80624F

# Rectangle

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



536F58



3D7171



7B6078



875E60



# Sweetspot

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



536F58



869188



6A6F53



434A44



C9C9C9



4A4A4A



# Same Dimension

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



536F58



66916E



536F66



323833



007815



00F72C



# Inverse Universe

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



6F536A



91668A



6F535C



383237



780062



F700CB



# Previews

## White Background



This preview shows how the Hex color 536F58 looks on a white background.

## Color Contrast Check

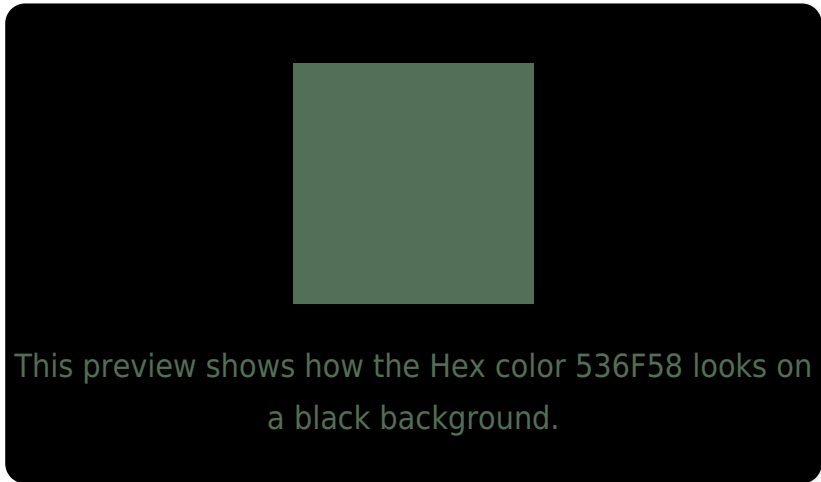
Large Text (above 18pt) WCAG AA ✓ Pass

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

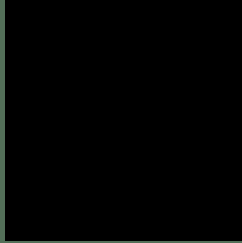
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 536F58 Background



This preview shows how black text looks on a background with the Hex color 536F58.



This preview shows how white text looks on a background with the Hex color 536F58.

# 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**  
536F58

**Protanopia**  
6E6854

**Deuteranopia**  
77645A



**Tritanopia**  
586B74

# Trichromacy



**Original Color**

536F58

**Protanomaly**

646B55

**Deuteranomaly**

6A6859

**Tritanomaly**

566C6A

# Monochromacy



**Original Color**

536F58

**Achromatopsia**

646464

**Achromatomaly**

5E6860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 536F58 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 #536F58 looks like.

```
.text, #text, p{  
    color:#536F58  
}
```

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 #536F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536F58  
}
```

## Border

The CSS property to change the border of an element to Hex 536F58 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  
#536F58 }
```

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

```
.border{ border-color:#536F58 }
```

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

Here you see how a box with a 4 pixel #536F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536F58; -webkit-box-shadow:4px 4px  
4px 4px #536F58; box-shadow:4px 4px 4px  
4px #536F58 }
```

# Background

The CSS property to change the background color of an element to Hex 536F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536F58 }
```

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

```
.background{ background-color:#536F58 }
```

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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