

# Converting Colors

Hex(506E5E)

Have a look what the booklet for  
Hex(506E5E) contains.

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# Color

**Hex(506E5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	506E5E
RGB	80, 110, 94
RGB Percent	31%, 43%, 37%
CMY	0.6863, 0.5686, 0.6314
CMYK	0.27, 0.00, 0.15, 0.57
HSL	148°, 16%, 37%
HSV	148°, 27%, 43%
XYZ	10.9046, 13.6655, 12.6526
YIQ	99.2060, -12.7440, -11.3360

# Conversions

## Conversions Part 2

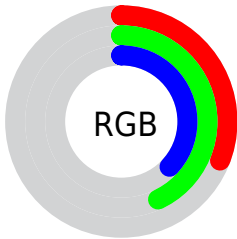
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 100, 110
Decimal	5271134
CIE <sub>Lab</sub>	43.75, -14.58, 5.42
CIE <sub>LCh</sub>	44, 15.559, 159.617
Yxy	13.6655, 0.2930, 0.3671
Android (android.graphics.Color)	4283461214 (0xFF506E5E)
YUV	99.2060, -2.5666, -16.8437
Hunter-Lab	36.9669, -12.0376, 5.5836

# Details

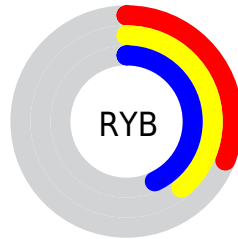
The Hex color **506E5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E5060**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **82A290**, and **223E30** is the 20% darker color. If you saturate the color by 10%, you get **456E58**, and if you desaturate by 10%, it is **5B6E64**.

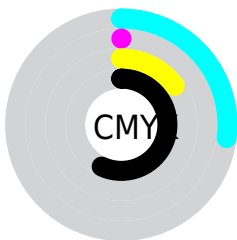
# Distribution



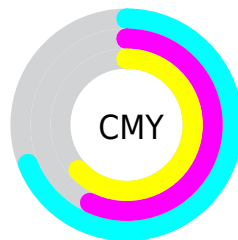
- Red (31%)
- Green (43%)
- Blue (37%)



- Red (31%)
- Yellow (39%)
- Blue (43%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)



- Cyan (69%)
- Magenta (57%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 506E5E 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 506E5E by changing the saturation by 10% instead.



 506E5E

 506E5E

FFFFFF

 385646

 82A290

 223E30

 9CBDAB

 0C281B

 B7D9C6

 001500

 D3F5E2

 000000

 EFFFFFF

 506E5E

 506E5E

 456E58

 5B6E64

 3A6E52

 666E6A

■ 2F6E4C

■ 716E70

■ 246E47

■ 7C6E75

■ 196E41

■ 876E7B

■ 0E6E3B

■ 926E81

■ 036E35

■ 9D6E87

■ 006E33

■ A86E8D

■ B36E93

# Harmonies

## Analogous

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



5E6C53



506E5E



456F6B

# Triad

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



506E5E



5E6781



806058

# Complementary

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



506E5E



6E5060

# 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.



825E64



506E5E



6F637B

# Square

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



506E5E



4D6B7F



7C5F71



796450

# Rectangle

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



506E5E



436E74



7C5F71



825F5B



# Sweetspot

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



506E5E



838F89



606E50



404744



C7C7C7



474747



# Same Dimension

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



506E5E



608F76



506E6D



323835



007838



00F773



# Inverse Universe

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



6E5060



8F6079



6E5051



383235



780040



F70084



# Previews

## White Background



This preview shows how the Hex color 506E5E looks on a white background.

## Color Contrast Check

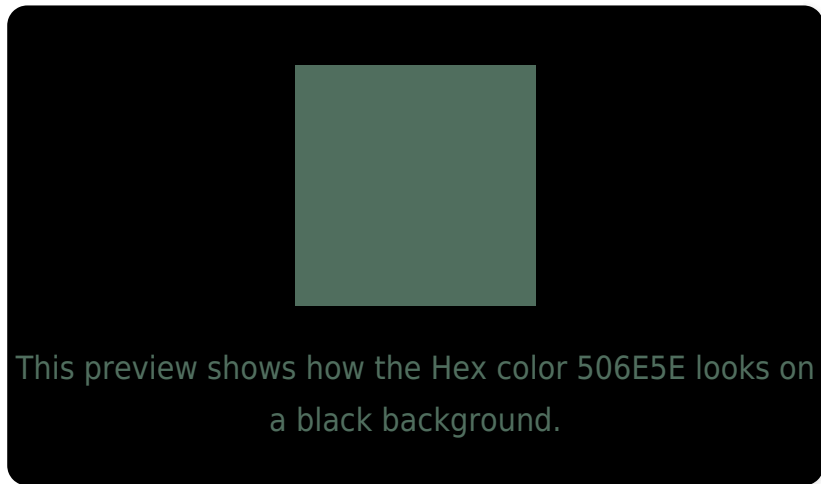
Large Text (above 18pt) WCAG AA ✓ Pass

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

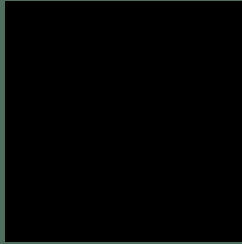
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 506E5E Background



This preview shows how black text looks on a background with the Hex color 506E5E.

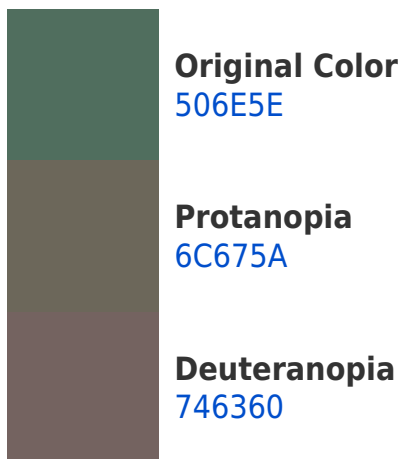


This preview shows how white text looks on a background with the Hex color 506E5E.

# 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](#).

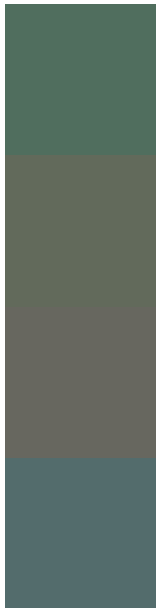
## Dichromacy





**Tritanopia**  
546B74

# Trichromacy



**Original Color**  
506E5E

**Protanomaly**  
626A5B

**Deuteranomaly**  
67675F

**Tritanomaly**  
536C6C

# Monochromacy



**Original Color**  
506E5E

**Achromatopsia**  
636363

**Achromatomaly**  
5C6761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 506E5E 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 #506E5E looks like.

```
.text, #text, p{  
    color:#506E5E  
}
```

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 #506E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506E5E
}
```

## Border

The CSS property to change the border of an element to Hex 506E5E 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
#506E5E }
```

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

```
.border{ border-color:#506E5E }
```

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

Here you see how a box with a 4 pixel #506E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506E5E; -webkit-box-shadow:4px 4px  
4px 4px #506E5E; box-shadow:4px 4px 4px  
4px #506E5E }
```

# Background

The CSS property to change the background color of an element to Hex 506E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506E5E }
```

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

```
.background{ background-color:#506E5E }
```

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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