

# Converting Colors

Hex(566C51)

Have a look what the booklet for  
Hex(566C51) contains.

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# Color

**Hex(566C51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	566C51
RGB	86, 108, 81
RGB Percent	34%, 42%, 32%
CMY	0.6627, 0.5765, 0.6824
CMYK	0.20, 0.00, 0.25, 0.58
HSL	109°, 14%, 37%
HSV	109°, 25%, 42%
XYZ	10.6855, 13.2976, 9.7881
YIQ	98.3440, -4.4450, -13.0610

# Conversions

## Conversions Part 2

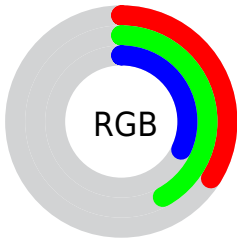
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 108, 103
Decimal	5663825
CIE <sub>Lab</sub>	43.21, -13.89, 12.49
CIE <sub>LCh</sub>	43, 18.680, 138.039
Yxy	13.2976, 0.3164, 0.3938
Android (android.graphics.Color)	4283853905 (0xFF566C51)
YUV	98.3440, -8.5506, -10.8257
Hunter-Lab	36.4659, -11.5100, 9.6117

# Details

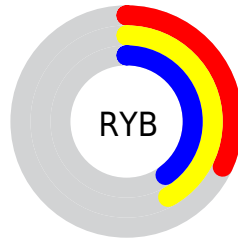
The Hex color **566C51** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67516C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **88A082**, and **283C24** is the 20% darker color. If you saturate the color by 10%, you get **4D6C46**, and if you desaturate by 10%, it is **5F6C5C**.

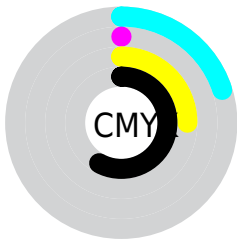
# Distribution



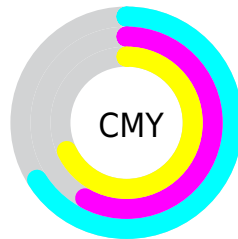
- Red (34%)
- Green (42%)
- Blue (32%)



- Red (32%)
- Yellow (42%)
- Blue (40%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 566C51 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 566C51 by changing the saturation by 10% instead.



566C51

566C51

FFFFFF

3E543A

88A082

283C24

A3BB9C

13270F

BED6B7

001300

DAF3D3

000000

F6FFEF

566C51

566C51

4D6C46

5F6C5C

446C3B

686C67

3C6C31

706C71

336C26

796C7C

2A6C1B

826C87

216C10

8B6C92

186C05

946C9D

146C00

9C6CA7

A56CB2

# Harmonies

## Analogous

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



686848



566C51



456E5F

# Triad

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



566C51



4A6984



855B5D

# Complementary

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



566C51



67516C

# 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.



815B6D



566C51



606483

# Square

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



566C51



3A6D7D



745F7B



825E50

# Rectangle

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



566C51



3C6F6A



745F7B



855B62



# Sweetspot

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



566C51



838C81



6C6751



424740



C7C7C7



474747



# Same Dimension

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



566C51



6A8C62



516C59



313630



167500



2DF500



# Inverse Universe

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



67516C



84628C



6C5164



353036



600075

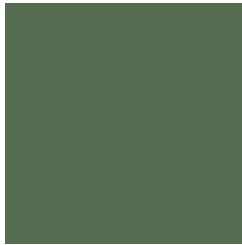


C700F5



# Previews

## White Background



This preview shows how the Hex color 566C51 looks on a white background.

## Color Contrast Check

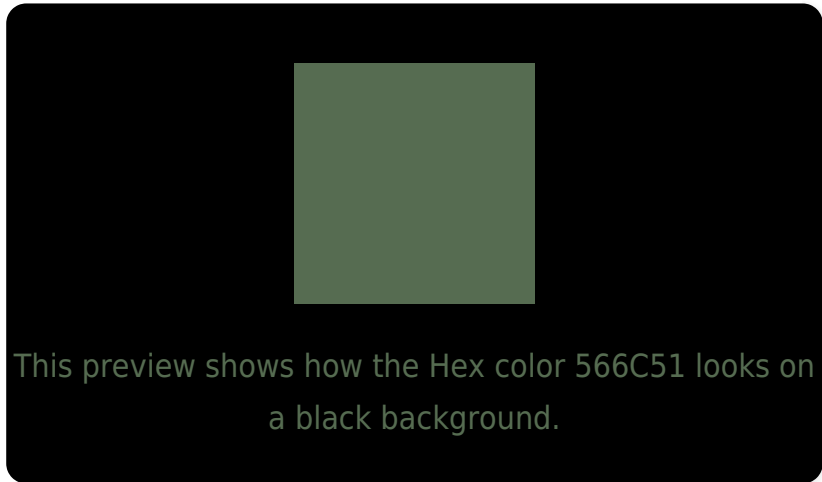
Large Text (above 18pt) WCAG AA ✓ Pass

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

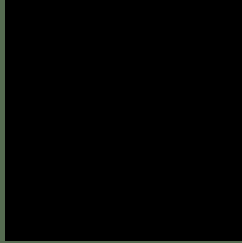
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 566C51 Background



This preview shows how black text looks on a background with the Hex color 566C51.



This preview shows how white text looks on a background with the Hex color 566C51.

# 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**  
566C51

**Protanopia**  
6D664E

**Deuteranopia**  
766253



**Tritanopia**  
5B6870

# Trichromacy



**Original Color**  
566C51

**Protanomaly**  
65684F

**Deuteranomaly**  
6A6652

**Tritanomaly**  
596965

# Monochromacy



**Original Color**  
566C51

**Achromatopsia**  
626262

**Achromatomaly**  
5E665C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 566C51 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 #566C51 looks like.

```
.text, #text, p{  
    color:#566C51  
}
```

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 #566C51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566C51
}
```

## Border

The CSS property to change the border of an element to Hex 566C51 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
#566C51 }
```

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

```
.border{ border-color:#566C51 }
```

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

Here you see how a box with a 4 pixel #566C51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566C51; -webkit-box-shadow:4px 4px  
4px 4px #566C51; box-shadow:4px 4px 4px  
4px #566C51 }
```

# Background

The CSS property to change the background color of an element to Hex 566C51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566C51 }
```

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

```
.background{ background-color:#566C51 }
```

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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