

Converting Colors

Hex(566B67)

Have a look what the booklet for
Hex(566B67) contains.

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Color

Hex(566B67)

Conversions

Conversions Part 1

Format	Color
Hex	566B67
RGB	86, 107, 103
RGB Percent	34%, 42%, 40%
CMY	0.6627, 0.5804, 0.5961
CMYK	0.20, 0.00, 0.04, 0.58
HSL	169°, 11%, 38%
HSV	169°, 20%, 42%
XYZ	11.5436, 13.4731, 14.8241
YIQ	100.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

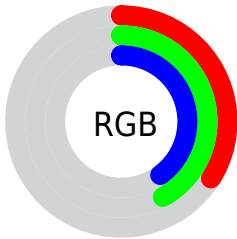
Format	Color
R_{YB}	86, 98, 107
Decimal	5663591
CIE _{Lab}	43.47, -8.71, -0.36
CIE _{LCh}	43, 8.721, 182.353
Yxy	13.4731, 0.2897, 0.3382
Android (android.graphics.Color)	4283853671 (0xFF566B67)
YUV	100.2650, 1.3484, -12.5104
Hunter-Lab	36.7057, -8.0983, 1.7489

Details

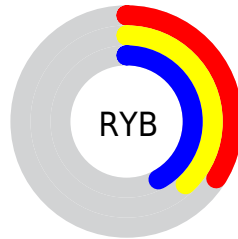
The Hex color **566B67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B565A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **889E9A**, and **283C38** is the 20% darker color. If you saturate the color by 10%, you get **4B6B65**, and if you desaturate by 10%, it is **616B69**.

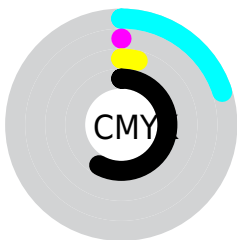
Distribution



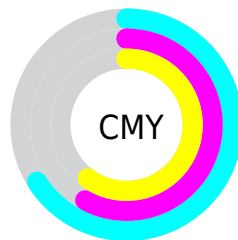
- Red (34%)
- Green (42%)
- Blue (40%)



- Red (34%)
- Yellow (38%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (58%)



- Cyan (66%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566B67 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 566B67 by changing the saturation by 10% instead.



566B67



566B67

FFFFFF



3E534F



889E9A



283C38



A2B9B5



132623



BED5D0



00120D



D9F1ED



000000



F6FFFF



566B67



566B67



4B6B65



616B69



416B63



6B6B6B

■ 366B61

■ 766B6D

■ 2B6B5F

■ 816B6F

■ 216B5D

■ 8C6B71

■ 166B5B

■ 966B73

■ 0B6B59

■ A16B75

■ 006B57

■ AC6B77

■ B66B79

Harmonies

Analogous

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



5C6A60



566B67



546B6E

Triad

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



566B67



696573



73645A

Complementary

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



566B67



6B565A

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.



76625F



566B67



71636E

Square

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



566B67



606775



756266



6C6658

Rectangle

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



566B67



566A72



756266



74635C

Sweetspot

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



566B67



848C8B



5A6B56



424746



C7C7C7



474747

Same Dimension

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



566B67



6B8C86



56656B



303635



00755F



00F5C6

Inverse Universe

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



6B565A



8C6B71



6B5C56



363031



750016



F5002F

Previews

White Background



This preview shows how the Hex color 566B67 looks on a white background.

Color Contrast Check

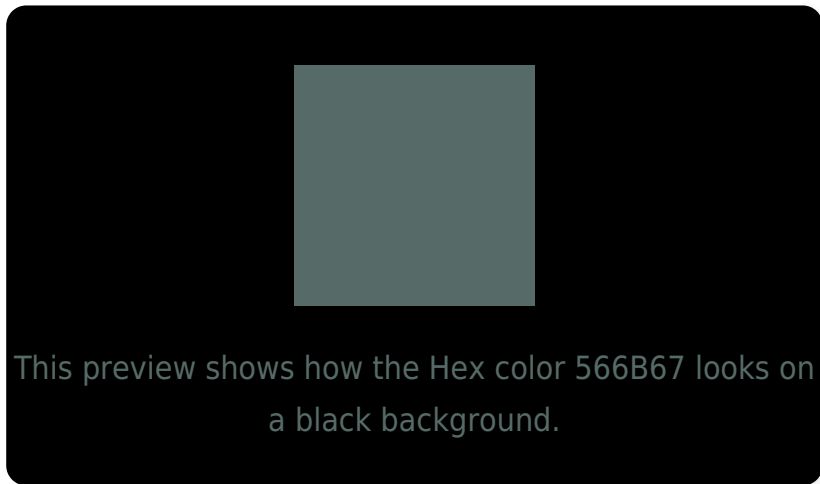
Large Text (above 18pt) WCAG AA ✓ Pass

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

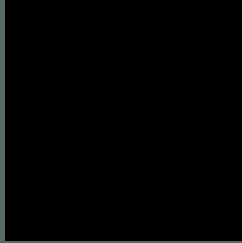
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

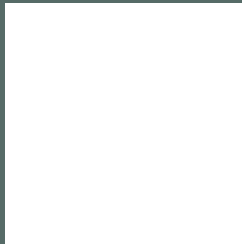
Any Text WCAG AAA × Fail

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

Hex 566B67 Background



This preview shows how black text looks on a background with the Hex color 566B67.



This preview shows how white text looks on a background with the Hex color 566B67.

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
566B67

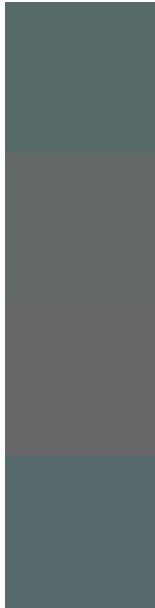
Protanopia
696664

Deuteranopia
6F6369



Tritanopia
586972

Trichromacy



Original Color
566B67

Protanomaly
626865

Deuteranomaly
666668

Tritanomaly
576A6E

Monochromacy



Original Color
566B67

Achromatopsia
646464

Achromatomaly
5F6765

CSS Examples

Text

The CSS property to change the color of the text to Hex 566B67 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 #566B67 looks like.

```
.text, #text, p{  
    color:#566B67  
}
```

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 #566B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566B67
}
```

Border

The CSS property to change the border of an element to Hex 566B67 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
#566B67 }
```

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

```
.border{ border-color:#566B67 }
```

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

Here you see how a box with a 4 pixel #566B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566B67; -webkit-box-shadow:4px 4px  
4px 4px #566B67; box-shadow:4px 4px 4px  
4px #566B67 }
```

Background

The CSS property to change the background color of an element to Hex 566B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566B67 }
```

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

```
.background{ background-color:#566B67 }
```

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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