

Converting Colors

Hex(566B54)

Have a look what the booklet for
Hex(566B54) contains.

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Color

Hex(566B54)

Conversions

Conversions Part 1

Format	Color
Hex	566B54
RGB	86, 107, 84
RGB Percent	34%, 42%, 33%
CMY	0.6627, 0.5804, 0.6706
CMYK	0.20, 0.00, 0.21, 0.58
HSL	115°, 12%, 37%
HSV	115°, 21%, 42%
XYZ	10.6957, 13.1339, 10.3589
YIQ	98.0990, -5.1330, -11.6050

Conversions

Conversions Part 2

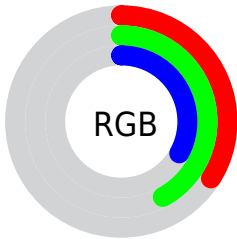
Format	Color
RYB	84, 107, 105
Decimal	5663572
CIELab	42.96, -12.76, 10.36
CIELCh	43, 16.438, 140.931
Yxy	13.1339, 0.3128, 0.3842
Android (android.graphics.Color)	4283853652 (0xFF566B54)
YUV	98.0990, -6.9508, -10.6108
Hunter-Lab	36.2407, -10.7409, 8.4214

Details

The Hex color **566B54** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **69546B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **889E86**, and **283C27** is the 20% darker color. If you saturate the color by 10%, you get **4C6B49**, and if you desaturate by 10%, it is **606B5F**.

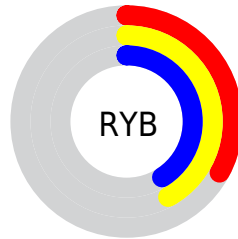
Distribution



Red (34%)

Green (42%)

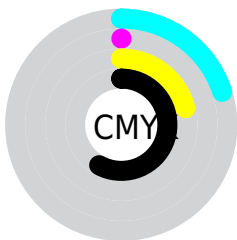
Blue (33%)



Red (33%)

Yellow (42%)

Blue (41%)

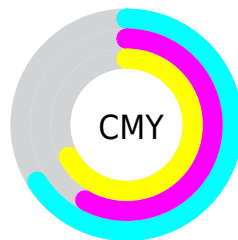


Cyan (20%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566B54 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 566B54 by changing the saturation by 10% instead.



566B54



566B54

FFFFFF



3F533D



889E86



283C27



A2B9A0



132613



BED5BB



001200



D9F1D6



000000



F6FFF3



566B54



566B54



4C6B49



606B5F



426B3F



6A6B69

■ 396B34

■ 736B74

■ 2F6B29

■ 7D6B7F

■ 256B1E

■ 876B8A

■ 1B6B14

■ 916B94

■ 126B09

■ 9A6B9F

■ 096B00

■ A46BAA

■ AE6BB4

Harmonies

Analogous

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



66684C



566B54



486D61

Triad

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



566B54



4F6880



815C5C

Complementary

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



566B54



69546B

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.



7E5C6A



566B54



62637F

Square

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



566B54



416B7A



735F77



7D5F51

Rectangle

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



566B54



416D6A



735F77



815C61

Sweetspot

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



566B54



858C84



6B6954



434742



C7C7C7



474747

Same Dimension

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



566B54



6B8C68



546B5D



313630



0A7500



15F500

Inverse Universe

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



69546B



89688C



6B5462



353036



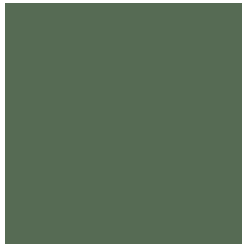
6B0075



E000F5

Previews

White Background



This preview shows how the Hex color 566B54 looks on a white background.

Color Contrast Check

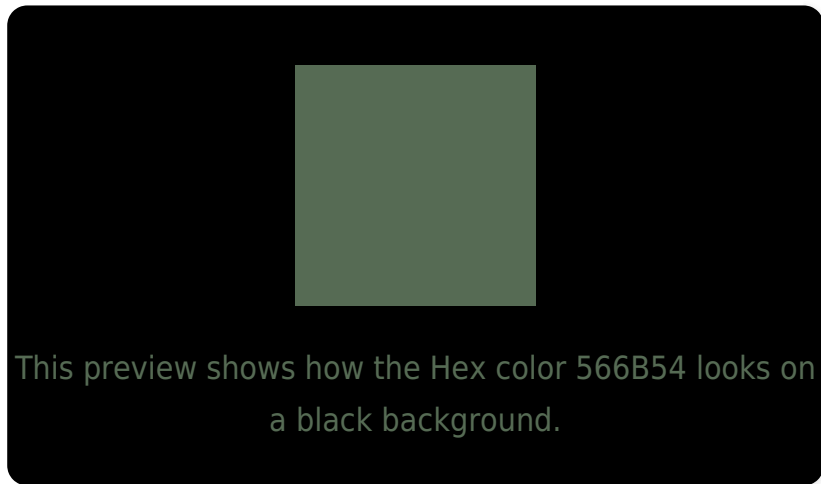
Large Text (above 18pt) WCAG AA ✓ Pass

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

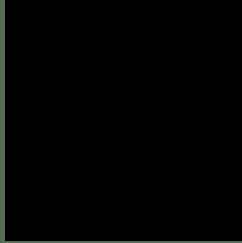
Any Text WCAG AA × Fail

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 566B54 Background



This preview shows how black text looks on a background with the Hex color 566B54.



This preview shows how white text looks on a background with the Hex color 566B54.

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
566B54

Protanopia
6B6551

Deuteranopia
746156



Tritanopia
5B6770

Trichromacy



Original Color
566B54

Protanomaly
636752

Deuteranomaly
696555

Tritanomaly
596866

Monochromacy



Original Color
566B54

Achromatopsia
626262

Achromatomaly
5E655D

CSS Examples

Text

The CSS property to change the color of the text to Hex 566B54 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 #566B54 looks like.

```
.text, #text, p{  
    color:#566B54  
}
```

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 #566B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566B54
}
```

Border

The CSS property to change the border of an element to Hex 566B54 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
#566B54 }
```

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

```
.border{ border-color:#566B54 }
```

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

Here you see how a box with a 4 pixel #566B54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566B54; -webkit-box-shadow:4px 4px  
4px 4px #566B54; box-shadow:4px 4px 4px  
4px #566B54 }
```

Background

The CSS property to change the background color of an element to Hex 566B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566B54 }
```

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

```
.background{ background-color:#566B54 }
```

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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