

Converting Colors

Hex(566E5C)

Have a look what the booklet for
Hex(566E5C) contains.

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Color

Hex(566E5C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 566E5C |
| RGB | 86, 110, 92 |
| RGB Percent | 34%, 43%, 36% |
| CMY | 0.6627, 0.5686, 0.6392 |
| CMYK | 0.22, 0.00, 0.16, 0.57 |
| HSL | 135°, 12%, 38% |
| HSV | 135°, 22%, 43% |
| XYZ | 11.3454, 13.9030, 12.2108 |
| YIQ | 100.7720, -8.5260, -10.6860 |

Conversions

Conversions Part 2

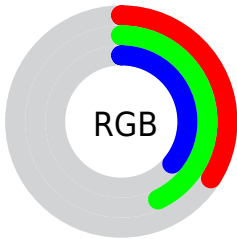
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 86, 105, 110 |
| Decimal | 5664348 |
| CIE Lab | 44.09, -12.84, 7.16 |
| CIE LCh | 44, 14.700, 150.843 |
| Yxy | 13.9030, 0.3029, 0.3712 |
| Android (android.graphics.Color) | 4283854428 (0xFF566E5C) |
| YUV | 100.7720, -4.3246, -12.9550 |
| Hunter-Lab | 37.2867, -10.9385, 6.6842 |

Details

The Hex color **566E5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E5668**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **88A28E**, and **283E2E** is the 20% darker color. If you saturate the color by 10%, you get **4B6E54**, and if you desaturate by 10%, it is **616E64**.

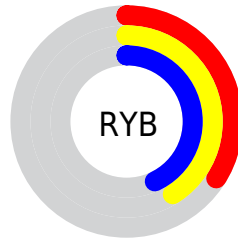
Distribution



Red (34%)

Green (43%)

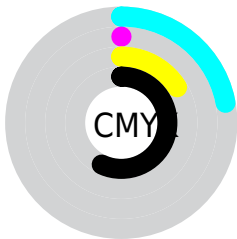
Blue (36%)



Red (34%)

Yellow (41%)

Blue (43%)

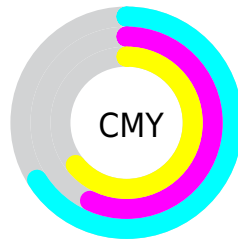


Cyan (22%)

Magenta (0%)

Yellow (16%)

Black (57%)



Cyan (66%)

Magenta (57%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566E5C 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 566E5C by changing the saturation by 10% instead.

566E5C

566E5C

FFFFFF

3E5644

88A28E

283E2E

A2BDA9

132819

BED9C4

001500

DAF5E0

000000

F6FFFC

566E5C

566E5C

4B6E54

616E64

406E4B

6C6E6D

■ 356E43

■ 776E75

■ 2A6E3B

■ 826E7D

■ 1F6E33

■ 8D6E85

■ 146E2A

■ 986E8E

■ 096E22

■ A36E96

■ 006E1B

■ AE6E9E

■ B96EA6

Harmonies

Analogous

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



646B53



566E5C



4B6F68

Triad

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



566E5C



5A6980



81605C

Complementary

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



566E5C



6E5668

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.



806068



566E5C



6B657D

Square

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



566E5C



4C6D7D



786174



7C6353

Rectangle

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



566E5C



476F70



786174



826060

Sweetspot

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



566E5C



858F87



686E56



424743



C7C7C7



474747

Same Dimension

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



566E5C



6A8F73



566E68



323834



00781E



00F73E

Inverse Universe

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



6E5668



8F6A86



6E565C



383237



78005A



F700BA

Previews

White Background



This preview shows how the Hex color 566E5C looks on a white background.

Color Contrast Check

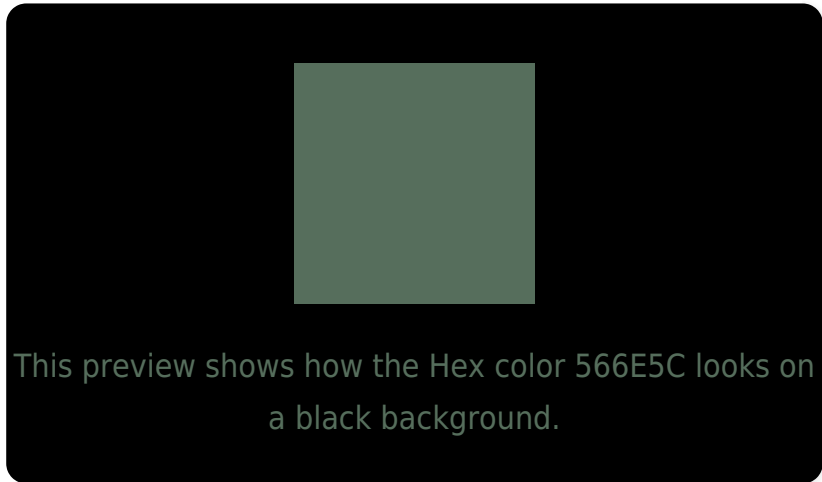
Large Text (above 18pt) WCAG AA ✓ Pass

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

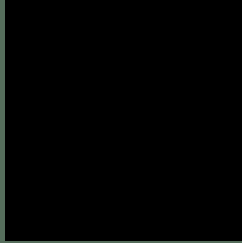
Any Text WCAG AA × Fail

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 566E5C Background



This preview shows how black text looks on a background with the Hex color 566E5C.



This preview shows how white text looks on a background with the Hex color 566E5C.

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](#).

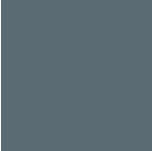
Dichromacy



Original Color
566E5C

Protanopia
6D6859

Deuteranopia
76645E



Tritanopia
5A6B73

Trichromacy



Original Color
566E5C

Protanomaly
656A5A

Deuteranomaly
6A685D

Tritanomaly
596C6B

Monochromacy



Original Color
566E5C

Achromatopsia
656565

Achromatomaly
606862

CSS Examples

Text

The CSS property to change the color of the text to Hex 566E5C 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 #566E5C looks like.

```
.text, #text, p{  
    color:#566E5C  
}
```

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 #566E5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566E5C
}
```

Border

The CSS property to change the border of an element to Hex 566E5C 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
#566E5C }
```

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

```
.border{ border-color:#566E5C }
```

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

Here you see how a box with a 4 pixel #566E5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566E5C; -webkit-box-shadow:4px 4px  
4px 4px #566E5C; box-shadow:4px 4px 4px  
4px #566E5C }
```

Background

The CSS property to change the background color of an element to Hex 566E5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566E5C }
```

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

```
.background{ background-color:#566E5C }
```

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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