

Converting Colors

Hex(516E68)

Have a look what the booklet for
Hex(516E68) contains.

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Color

Hex(516E68)

Conversions

Conversions Part 1

Format	Color
Hex	516E68
RGB	81, 110, 104
RGB Percent	32%, 43%, 41%
CMY	0.6824, 0.5686, 0.5922
CMYK	0.26, 0.00, 0.05, 0.57
HSL	168°, 15%, 37%
HSV	168°, 26%, 43%
XYZ	11.4680, 13.9007, 15.1754
YIQ	100.6450, -15.3580, -8.0140

Conversions

Conversions Part 2

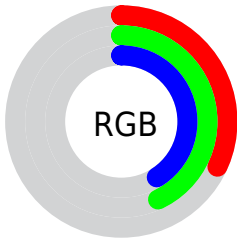
Format	Color
RYB	81, 97, 110
Decimal	5336680
CIELab	44.09, -11.94, -0.09
CIElCh	44, 11.940, 180.437
Yxy	13.9007, 0.2829, 0.3429
Android (android.graphics.Color)	4283526760 (0xFF516E68)
YUV	100.6450, 1.6540, -17.2287
Hunter-Lab	37.2836, -10.3420, 1.9660

Details

The Hex color **516E68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E5157**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **83A29B**, and **233E39** is the 20% darker color. If you saturate the color by 10%, you get **466E66**, and if you desaturate by 10%, it is **5C6E6A**.

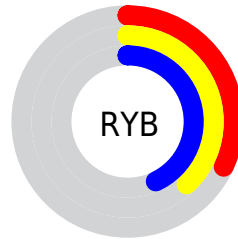
Distribution



Red (32%)

Green (43%)

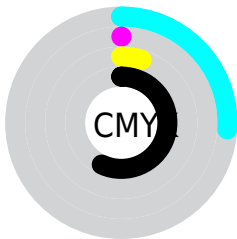
Blue (41%)



Red (32%)

Yellow (38%)

Blue (43%)

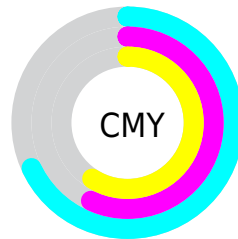


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (57%)



Cyan (68%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516E68 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 516E68 by changing the saturation by 10% instead.



516E68



516E68

FFFFFF



395650



83A29B



233E39



9DBDB6



0D2824



B8D8D1



00150E



D4F5EE



000000



F1FFFF



516E68



516E68



466E66



5C6E6A



3B6E63



676E6D

■ 306E61

■ 726E6F

■ 256E5F

■ 7D6E71

■ 1A6E5D

■ 886E73

■ 0F6E5A

■ 936E76

■ 046E58

■ 9E6E78

■ 006E57

■ A96E7A

■ B46E7C

Harmonies

Analogous

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



5A6D5E



516E68



4E6E72

Triad

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



516E68



6A6679



786457

Complementary

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



516E68



6E5157

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.



7D625F



516E68



756372

Square

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



516E68



5D697C



7C6168



706855

Rectangle

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



516E68



506D77



7C6168



7A6359

Sweetspot

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



516E68



838F8C



576E51



404746



C7C7C7



474747

Same Dimension

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



516E68



618F85



51666E



323837



00785F



00F7C4

Inverse Universe

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



6E5157



8F616B



6E5951



383234



780019



F70033

Previews

White Background



This preview shows how the Hex color 516E68 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

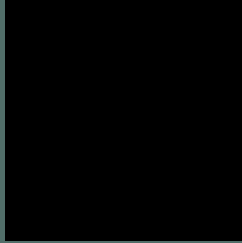
Any Text WCAG AA × Fail

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 516E68 Background



This preview shows how black text looks on a background with the Hex color 516E68.



This preview shows how white text looks on a background with the Hex color 516E68.

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
516E68

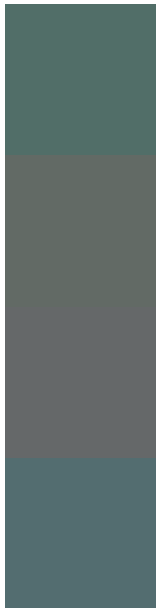
Protanopia
6B6764

Deuteranopia
71656A



Tritanopia
546C75

Trichromacy



Original Color

516E68

Protanomaly

626A65

Deuteranomaly

656869

Tritanomaly

536D70

Monochromacy



Original Color

516E68

Achromatopsia

656565

Achromatomaly

5E6866

CSS Examples

Text

The CSS property to change the color of the text to Hex 516E68 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 #516E68 looks like.

```
.text, #text, p{  
    color:#516E68  
}
```

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 #516E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516E68
}
```

Border

The CSS property to change the border of an element to Hex 516E68 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
#516E68 }
```

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

```
.border{ border-color:#516E68 }
```

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

Here you see how a box with a 4 pixel #516E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516E68; -webkit-box-shadow:4px 4px  
4px 4px #516E68; box-shadow:4px 4px 4px  
4px #516E68 }
```

Background

The CSS property to change the background color of an element to Hex 516E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516E68 }
```

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

```
.background{ background-color:#516E68 }
```

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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