

Converting Colors

Hex(516A6F)

Have a look what the booklet for
Hex(516A6F) contains.

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Color

Hex(516A6F)

Conversions

Conversions Part 1

Format	Color
Hex	516A6F
RGB	81, 106, 111
RGB Percent	32%, 42%, 44%
CMY	0.6824, 0.5843, 0.5647
CMYK	0.27, 0.05, 0.00, 0.56
HSL	190°, 16%, 38%
HSV	190°, 27%, 44%
XYZ	11.4166, 13.2051, 16.9860
YIQ	99.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

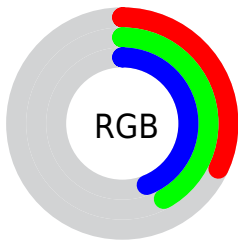
Format	Color
RYB	81, 95, 111
Decimal	5335663
CIELab	43.07, -7.91, -5.82
CIELCh	43, 9.823, 216.324
Yxy	13.2051, 0.2744, 0.3174
Android (android.graphics.Color)	4283525743 (0xFF516A6F)
YUV	99.0950, 5.8692, -15.8693
Hunter-Lab	36.3388, -7.5133, -2.2771

Details

The Hex color **516A6F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F5651**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **839DA3**, and **233B3F** is the 20% darker color. If you saturate the color by 10%, you get **46686F**, and if you desaturate by 10%, it is **5C6C6F**.

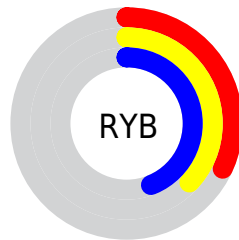
Distribution



Red (32%)

Green (42%)

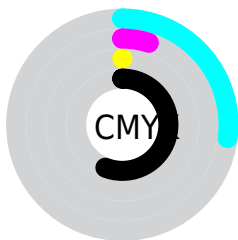
Blue (44%)



Red (32%)

Yellow (37%)

Blue (44%)

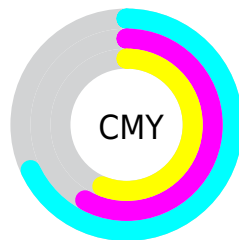


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (56%)



Cyan (68%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516A6F 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 516A6F by changing the saturation by 10% instead.

■ 516A6F

■ 516A6F

FFFFFF

■ 395257

■ 839DA3

■ 233B3F

■ 9DB8BE

■ 0C2529

■ B9D4D9

■ 001115

■ D4F0F6

■ 000000

■ F1FFFF

■ 516A6F

■ 516A6F

■ 46686F

■ 5C6C6F

■ 3B666F

■ 676E6F

■ 30646F

■ 72706F

■ 25636F

■ 7D716F

■ 19616F

■ 89736F

■ 0E5F6F

■ 94756F

■ 035D6F

■ 9F776F

■ 005C6F

■ AA796F

■ B57B6F

Harmonies

Analogous

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



526B67



516A6F



566874

Triad

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



516A6F



72616C



6B6656

Complementary

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



516A6F



6F5651

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.



726357



516A6F



776064

Square

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



516A6F



696373



76615C



616859

Rectangle

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



516A6F



5C6776



76615C



6D6556

Sweetspot

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



516A6F



868F91



516F56



43494A



C9C9C9



4A4A4A

Same Dimension

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



516A6F



638A91



515B6F



323738



006478



00CEF7

Inverse Universe

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



6F516A



91638A



6F6551



383237



780064



F700CE

Previews

White Background



This preview shows how the Hex color 516A6F looks on a white background.

Color Contrast Check

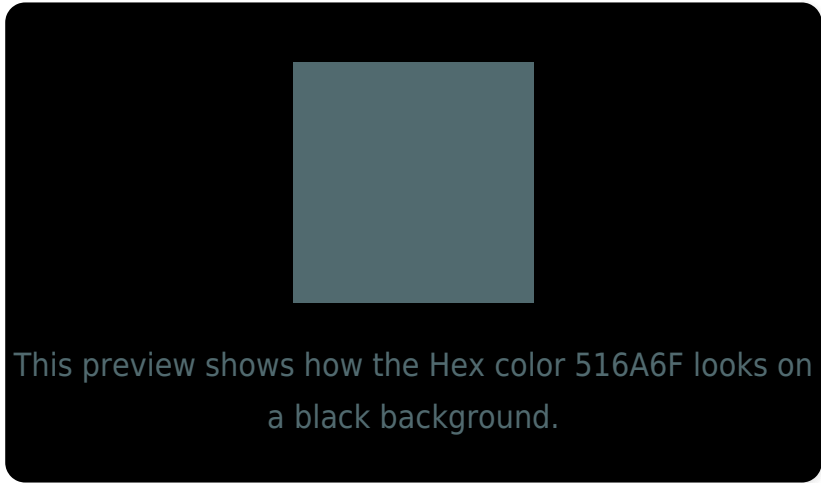
Large Text (above 18pt) WCAG AA ✓ Pass

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

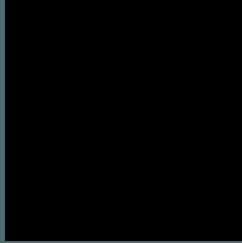
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

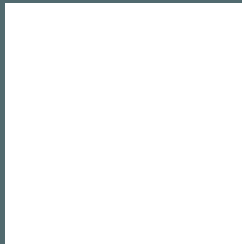
Any Text WCAG AAA × Fail

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

Hex 516A6F Background



This preview shows how black text looks on a background with the Hex color 516A6F.



This preview shows how white text looks on a background with the Hex color 516A6F.

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
516A6F

Protanopia
65656C

Deuteranopia
6A6371



Tritanopia
526A72

Trichromacy



Original Color
516A6F

Protanomaly
5E676D

Deuteranomaly
616670

Tritanomaly
526A71

Monochromacy



Original Color
516A6F

Achromatopsia
636363

Achromatomaly
5C6667

CSS Examples

Text

The CSS property to change the color of the text to Hex 516A6F 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 #516A6F looks like.

```
.text, #text, p{  
    color:#516A6F  
}
```

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 #516A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516A6F
}
```

Border

The CSS property to change the border of an element to Hex 516A6F 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
#516A6F }
```

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

```
.border{ border-color:#516A6F }
```

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

Here you see how a box with a 4 pixel #516A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516A6F; -webkit-box-shadow:4px 4px  
4px 4px #516A6F; box-shadow:4px 4px 4px  
4px #516A6F }
```

Background

The CSS property to change the background color of an element to Hex 516A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516A6F }
```

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

```
.background{ background-color:#516A6F }
```

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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