

Converting Colors

Hex(516B64)

Have a look what the booklet for
Hex(516B64) contains.

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Color

Hex(516B64)

Conversions

Conversions Part 1

Format	Color
Hex	516B64
RGB	81, 107, 100
RGB Percent	32%, 42%, 39%
CMY	0.6824, 0.5804, 0.6078
CMYK	0.24, 0.00, 0.07, 0.58
HSL	164°, 14%, 37%
HSV	164°, 24%, 42%
XYZ	10.9513, 13.1848, 14.0243
YIQ	98.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

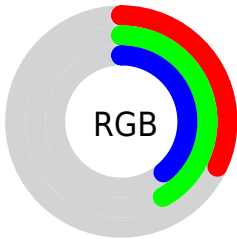
Format	Color
RYB	81, 96, 107
Decimal	5335908
CIELab	43.04, -11.18, 0.79
CIElCh	43, 11.210, 175.958
Yxy	13.1848, 0.2870, 0.3455
Android (android.graphics.Color)	4283525988 (0xFF516B64)
YUV	98.4280, 0.7750, -15.2844
Hunter-Lab	36.3109, -9.7089, 2.5181

Details

The Hex color **516B64** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B5158**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **839E97**, and **233C35** is the 20% darker color. If you saturate the color by 10%, you get **466B61**, and if you desaturate by 10%, it is **5C6B67**.

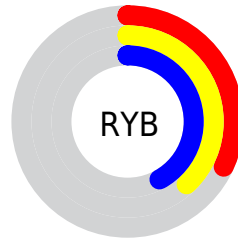
Distribution



Red (32%)

Green (42%)

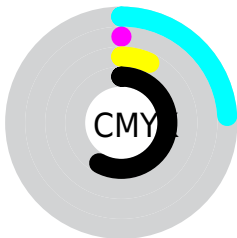
Blue (39%)



Red (32%)

Yellow (38%)

Blue (42%)

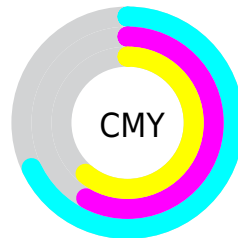


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516B64 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 516B64 by changing the saturation by 10% instead.

■ 516B64

■ 516B64

FFFFFF

■ 3A534C

■ 839E97

■ 233C35

■ 9DB9B1

■ 0E2620

■ B8D5CD

■ 001209

■ D4F1E9

■ 000000

■ F0FFFF

■ 516B64

■ 516B64

■ 466B61

■ 5C6B67

■ 3C6B5E

■ 666B6A

■ 316B5B

■ 716B6D

■ 266B58

■ 7C6B70

■ 1B6B56

■ 876B72

■ 116B53

■ 916B75

■ 066B50

■ 9C6B78

■ 006B4E

■ A76B7B

■ B16B7E

Harmonies

Analogous

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



5A6A5B



516B64



4D6B6D

Triad

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



516B64



666476



766257

Complementary

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



516B64



6B5158

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.



79605E



516B64



716170

Square

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



516B64



5A6778



775F67



6E6553

Rectangle

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



516B64



4F6A73



775F67



776159

Sweetspot

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



516B64



828C8A



586B51



424746



C7C7C7



474747

Same Dimension

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



516B64



648C81



51656B



303634



007556



00F5B3

Inverse Universe

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



6B5158



8C646F



6B5751



363032



750020



F50042

Previews

White Background



This preview shows how the Hex color 516B64 looks on a white background.

Color Contrast Check

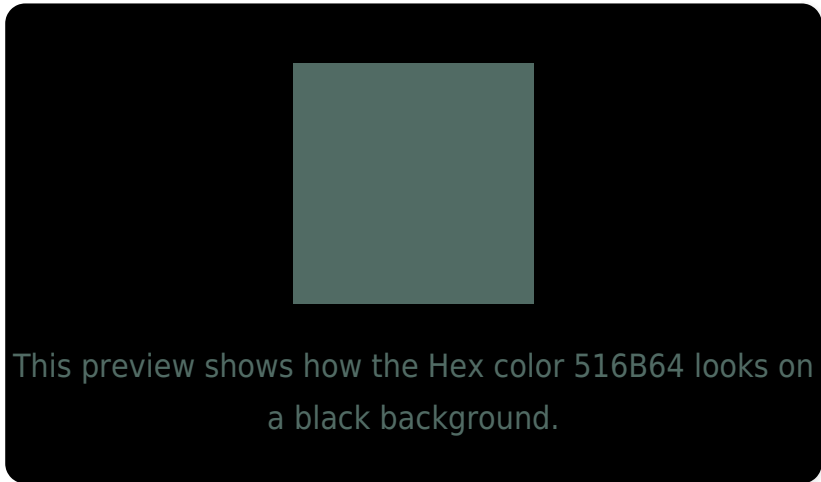
Large Text (above 18pt) WCAG AA ✓ Pass

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

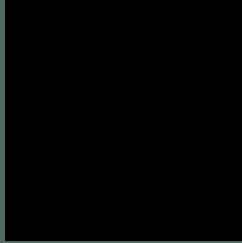
Any Text WCAG AA × Fail

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 516B64 Background



This preview shows how black text looks on a background with the Hex color 516B64.



This preview shows how white text looks on a background with the Hex color 516B64.

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
516B64

Protanopia
686561

Deuteranopia
6F6266



Tritanopia
546971

Trichromacy



Original Color

516B64

Protanomaly

606762

Deuteranomaly

646565

Tritanomaly

536A6C

Monochromacy



Original Color

516B64

Achromatopsia

626262

Achromatomaly

5C6563

CSS Examples

Text

The CSS property to change the color of the text to Hex 516B64 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 #516B64 looks like.

```
.text, #text, p{  
    color:#516B64  
}
```

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 #516B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516B64
}
```

Border

The CSS property to change the border of an element to Hex 516B64 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
#516B64 }
```

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

```
.border{ border-color:#516B64 }
```

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

Here you see how a box with a 4 pixel #516B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516B64; -webkit-box-shadow:4px 4px  
4px 4px #516B64; box-shadow:4px 4px 4px  
4px #516B64 }
```

Background

The CSS property to change the background color of an element to Hex 516B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516B64 }
```

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

```
.background{ background-color:#516B64 }
```

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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