

Converting Colors

Hex(516068)

Have a look what the booklet for
Hex(516068) contains.

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Color

Hex(516068)

Conversions

Conversions Part 1

Format	Color
Hex	516068
RGB	81, 96, 104
RGB Percent	32%, 38%, 41%
CMY	0.6824, 0.6235, 0.5922
CMYK	0.22, 0.08, 0.00, 0.59
HSL	201°, 12%, 36%
HSV	201°, 22%, 41%
XYZ	10.0749, 11.1145, 14.7110
YIQ	92.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

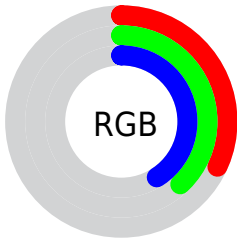
Format	Color
R_{YB}	81, 90, 104
Decimal	5333096
CIE _{Lab}	39.77, -3.77, -6.47
CIE _{LCh}	40, 7.485, 239.762
Yxy	11.1145, 0.2806, 0.3096
Android (android.graphics.Color)	4283523176 (0xFF516068)
YUV	92.4270, 5.7055, -10.0215
Hunter-Lab	33.3385, -4.3996, -2.8255

Details

The Hex color **516068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **685951**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **83929B**, and **243239** is the 20% darker color. If you saturate the color by 10%, you get **475C68**, and if you desaturate by 10%, it is **5B6468**.

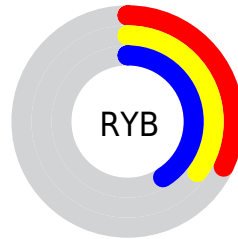
Distribution



Red (32%)

Green (38%)

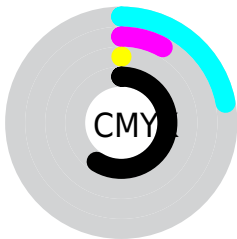
Blue (41%)



Red (32%)

Yellow (35%)

Blue (41%)

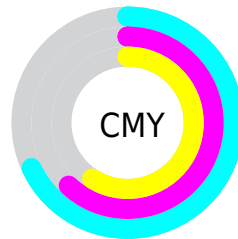


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (59%)



Cyan (68%)

Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 516068 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 516068 by changing the saturation by 10% instead.

■ 516068

■ 516068

FFFFFF

■ 3A4850

■ 83929B

■ 243239

■ 9DADB6

■ 0F1D24

■ B8C8D1

■ 00010E

■ D4E4EE

■ 000000

■ F0FFFF

■ 516068

■ 516068

■ 475C68

■ 5B6468

■ 3C5968

■ 666768

■ 325568

■ 706B68

■ 275268

■ 7B6E68

■ 1D4E68

■ 857268

■ 134A68

■ 8F7668

■ 084768

■ 9A7968

■ 004468

■ A47D68

■ AF8168

Harmonies

Analogous

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



4E6163



516068



575E6A

Triad

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



516068



6A5A5E



5C5F53

Complementary

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



516068



685951

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.



635D52



516068



6B5A58

Square

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



516068



665A64



685B53



556157

Rectangle

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



516068



5C5D69



685B53



5E5F52

Sweetspot

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



516068



7E8487



516859



3F4345



C4C4C4



454545

Same Dimension

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



516068



637A87



515568



2E3133



004B73



009EF2

Inverse Universe

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



685160



87637A



686451



332E31



73004B



F2009E

Previews

White Background



This preview shows how the Hex color 516068 looks on a white background.

Color Contrast Check

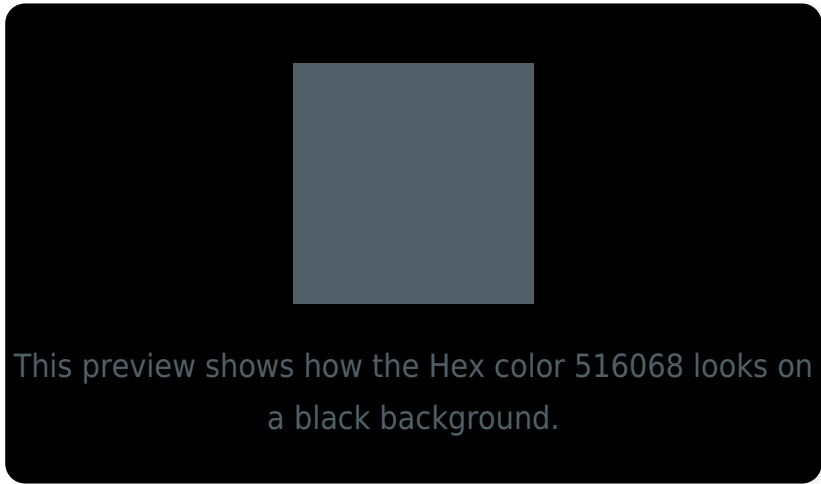
Large Text (above 18pt) WCAG AA ✓ Pass

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

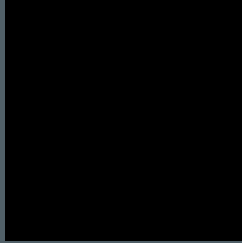
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

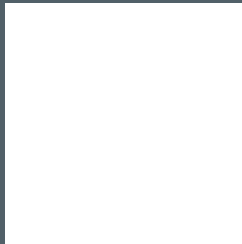
Any Text WCAG AAA × Fail

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

Hex 516068 Background



This preview shows how black text looks on a background with the Hex color 516068.



This preview shows how white text looks on a background with the Hex color 516068.

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

516068

Protanopia

5D5D66

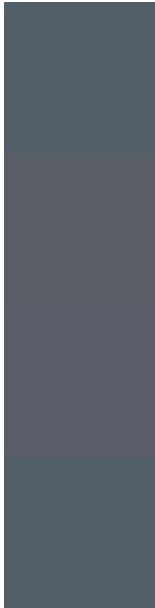
Deuteranopia

615B69



Tritanopia
516068

Trichromacy



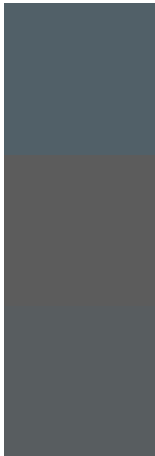
Original Color
516068

Protanomaly
595E67

Deuteranomaly
5B5D69

Tritanomaly
516068

Monochromacy



Original Color
516068

Achromatopsia
5C5C5C

Achromatomaly
585D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 516068 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 #516068 looks like.

```
.text, #text, p{  
    color:#516068  
}
```

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 #516068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516068  
}
```

Border

The CSS property to change the border of an element to Hex 516068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

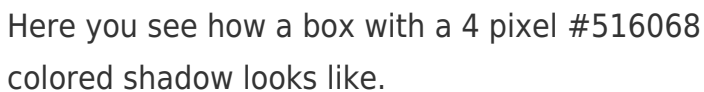
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#516068 }
```

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

```
.border{ border-color:#516068 }
```

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



Here you see how a box with a 4 pixel #516068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516068; -webkit-box-shadow:4px 4px  
4px 4px #516068; box-shadow:4px 4px 4px  
4px #516068 }
```

Background

The CSS property to change the background color of an element to Hex 516068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516068 }
```

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

```
.background{ background-color:#516068 }
```

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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