

Converting Colors

Hex(506567)

Have a look what the booklet for
Hex(506567) contains.

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Color

Hex(506567)

Conversions

Conversions Part 1

Format	Color
Hex	506567
RGB	80, 101, 103
RGB Percent	31%, 40%, 40%
CMY	0.6863, 0.6039, 0.5961
CMYK	0.22, 0.02, 0.00, 0.60
HSL	185°, 13%, 36%
HSV	185°, 22%, 40%
XYZ	10.4101, 11.9921, 14.5980
YIQ	94.9490, -13.1580, -3.8300

Conversions

Conversions Part 2

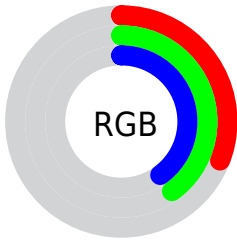
Format	Color
R_{YB}	80, 91, 103
Decimal	5268839
CIE _{Lab}	41.20, -7.34, -3.74
CIE _{LCh}	41, 8.237, 206.972
Yxy	11.9921, 0.2814, 0.3241
Android (android.graphics.Color)	4283458919 (0xFF506567)
YUV	94.9490, 3.9691, -13.1103
Hunter-Lab	34.6296, -6.9424, -0.7528




Details

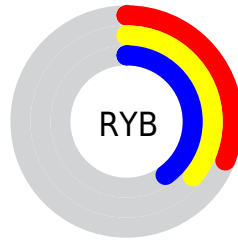
The Hex color **506567** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675250**, and the grayscale version is **5F5F5F**.




A 20% lighter version of the original color is **82989A**, and **223638** is the 20% darker color. If you saturate the color by 10%, you get **466467**, and if you desaturate by 10%, it is **5A6667**.

Distribution







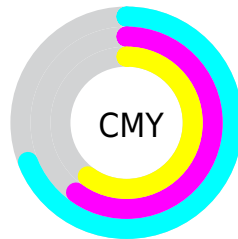
-  Red (31%)
-  Green (40%)
-  Blue (40%)






-  Red (31%)
-  Yellow (36%)
-  Blue (40%)



-  Cyan (22%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (69%)
-  Magenta (60%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506567 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 506567 by changing the saturation by 10% instead.

■ 506567

■ 506567

FFFFFF

■ 394D4F

■ 82989A

■ 223638

■ 9CB3B5

■ 0D2123

■ B7CED0

■ 00090D

■ D3EAED

■ 000000

■ EFFFFFF

■ 506567

■ 506567

■ 466467

■ 5A6667

■ 3B6367

■ 656767

■ 316267

■ 6F6867

■ 276167

■ 796967

■ 1C6167

■ 846967

■ 126067

■ 8E6A67

■ 085F67

■ 986B67

■ 005E67

■ A26C67

■ AD6D67

Harmonies

Analogous

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



526560



506567



53646C

Triad

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



506567



695E69



676054

Complementary

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



506567



675250

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.



6D5E56



506567



6E5D62

Square

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



506567



62606D



705D5B



606355

Rectangle

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



506567



57636E



705D5B



6A6054

Sweetspot

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



506567



7E8687



506752



3F4445



C4C4C4



454545

Same Dimension

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



506567



638487



505A67



2E3333



006973



00DDF2

Inverse Universe

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



675065



876384



675D50



332E33



730069



F200DD

Previews

White Background



This preview shows how the Hex color 506567 looks on a white background.

Color Contrast Check

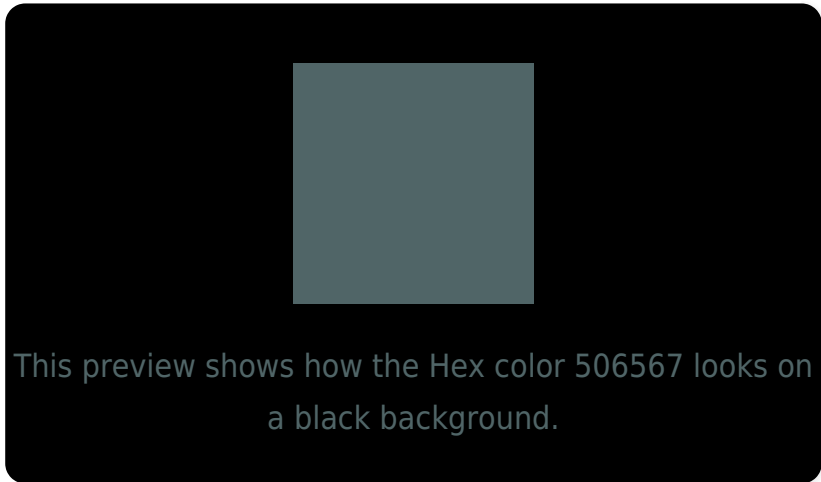
Large Text (above 18pt) WCAG AA ✓ Pass

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

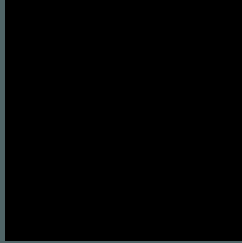
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

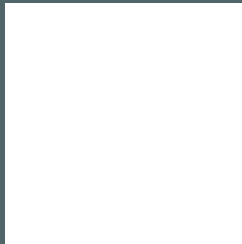
Any Text WCAG AAA × Fail

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

Hex 506567 Background



This preview shows how black text looks on a background with the Hex color 506567.



This preview shows how white text looks on a background with the Hex color 506567.

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](#).

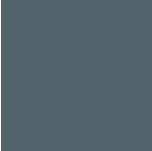
Dichromacy



Original Color
506567

Protanopia
626064

Deuteranopia
675E68



Tritanopia
51646C

Trichromacy



Original Color
506567

Protanomaly
5B6265

Deuteranomaly
5F6168

Tritanomaly
51646A

Monochromacy



Original Color
506567

Achromatopsia
5F5F5F

Achromatomaly
5A6162

CSS Examples

Text

The CSS property to change the color of the text to Hex 506567 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 #506567 looks like.

```
.text, #text, p{  
    color:#506567  
}
```

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 #506567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506567
}
```

Border

The CSS property to change the border of an element to Hex 506567 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
#506567 }
```

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

```
.border{ border-color:#506567 }
```

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

Here you see how a box with a 4 pixel #506567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506567; -webkit-box-shadow:4px 4px  
4px 4px #506567; box-shadow:4px 4px 4px  
4px #506567 }
```

Background

The CSS property to change the background color of an element to Hex 506567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506567 }
```

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

```
.background{ background-color:#506567 }
```

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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