

Converting Colors

Hex(506375)

Have a look what the booklet for
Hex(506375) contains.

Hex(506375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(506375)

Conversions

Conversions Part 1

Format	Color
Hex	506375
RGB	80, 99, 117
RGB Percent	31%, 39%, 46%
CMY	0.6863, 0.6118, 0.5412
CMYK	0.32, 0.15, 0.00, 0.54
HSL	209°, 19%, 39%
HSV	209°, 32%, 46%
XYZ	10.9810, 11.9135, 18.5504
YIQ	95.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

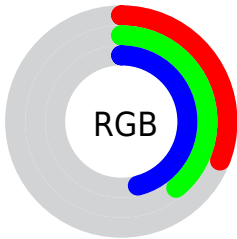
Format	Color
RYB	80, 93, 117
Decimal	5268341
CIELab	41.08, -2.51, -12.46
CIELCh	41, 12.712, 258.633
Yxy	11.9135, 0.2650, 0.2875
Android (android.graphics.Color)	4283458421 (0xFF506375)
YUV	95.3710, 10.6631, -13.4804
Hunter-Lab	34.5160, -3.6145, -7.7039

Details

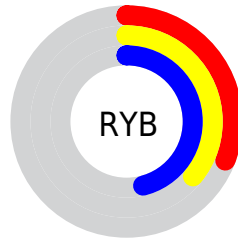
The Hex color **506375** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **756250**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8296A9**, and **213545** is the 20% darker color. If you saturate the color by 10%, you get **445D75**, and if you desaturate by 10%, it is **5C6975**.

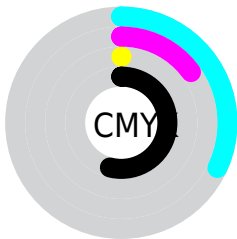
Distribution



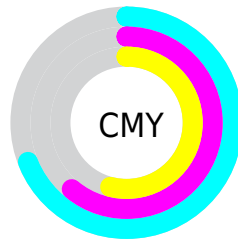
- Red (31%)
- Green (39%)
- Blue (46%)



- Red (31%)
- Yellow (36%)
- Blue (46%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (69%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506375 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 506375 by changing the saturation by 10% instead.

■ 506375

■ 506375

FFFFFF

■ 384B5C

■ 8296A9

■ 213545

■ 9DB0C4

■ 0A1F2E

■ B8CCE0

■ 00071A

■ D3E8FD

■ 000000

■ F0FFFF

■ 506375

■ 506375

■ 445D75

■ 5C6975

■ 395875

■ 676E75

■ 2D5275

■ 737475

■ 214C75

■ 7F7A75

■ 164775

■ 8B7F75

■ 0A4175

■ 968575

■ 003C75

■ A28B75

■ AE9175

■ B99675

Harmonies

Analogous

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



466670



506375



5E6074

Triad

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



506375



775A5B



566553

Complementary

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



506375



756250

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.



62624D



506375



745C52

Square

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



506375



735A65



6D5F4D



4B675C

Rectangle

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



506375



665D71



6D5F4D



5A6450

Sweetspot

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



506375



8B9299



507562



44484D



CCCCCC



4D4D4D

Same Dimension

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



506375



5F7D99



505175



35383B



003F7A



0080FA

Inverse Universe

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



755063



995F7D



757450



3B3538



7A003F



FA0080

Previews

White Background



This preview shows how the Hex color 506375 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

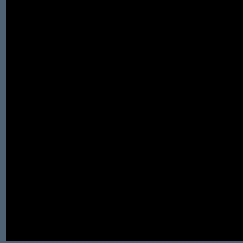
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

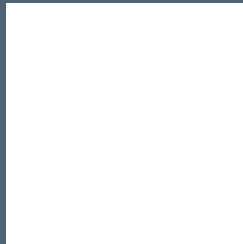
Any Text WCAG AAA × Fail

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

Hex 506375 Background



This preview shows how black text looks on a background with the Hex color 506375.

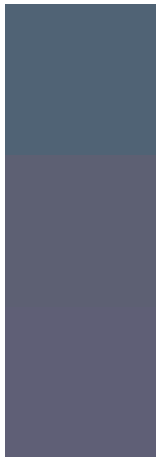


This preview shows how white text looks on a background with the Hex color 506375.

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
506375

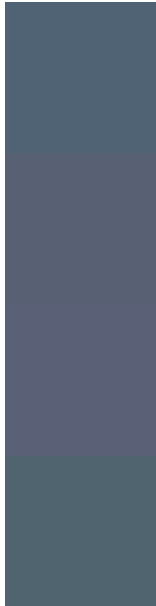
Protanopia
5D6073

Deuteranopia
5F5F76



Tritanopia
4E646C

Trichromacy



Original Color
506375

Protanomaly
586174

Deuteranomaly
5A6076

Tritanomaly
4F646F

Monochromacy



Original Color
506375

Achromatopsia
5F5F5F

Achromatomaly
5A6067

CSS Examples

Text

The CSS property to change the color of the text to Hex 506375 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 #506375 looks like.

```
.text, #text, p{  
    color:#506375  
}
```

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 #506375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506375
}
```

Border

The CSS property to change the border of an element to Hex 506375 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
#506375 }
```

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

```
.border{ border-color:#506375 }
```

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

Here you see how a box with a 4 pixel #506375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506375; -webkit-box-shadow:4px 4px  
4px 4px #506375; box-shadow:4px 4px 4px  
4px #506375 }
```

Background

The CSS property to change the background color of an element to Hex 506375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506375 }
```

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

```
.background{ background-color:#506375 }
```

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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