

Converting Colors

Hex(506077)

Have a look what the booklet for
Hex(506077) contains.

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Color

Hex(506077)

Conversions

Conversions Part 1

Format	Color
Hex	506077
RGB	80, 96, 119
RGB Percent	31%, 38%, 47%
CMY	0.6863, 0.6235, 0.5333
CMYK	0.33, 0.19, 0.00, 0.53
HSL	215°, 20%, 39%
HSV	215°, 33%, 47%
XYZ	10.8209, 11.4031, 19.0835
YIQ	93.8380, -16.9190, 3.7610

Conversions

Conversions Part 2

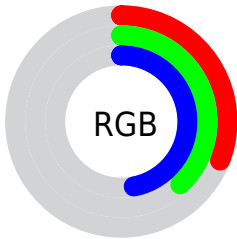
Format	Color
R_{YB}	80, 91, 119
Decimal	5267575
CIE _{Lab}	40.25, -0.13, -14.94
CIE _{LCh}	40, 14.941, 269.502
Yxy	11.4031, 0.2620, 0.2761
Android (android.graphics.Color)	4283457655 (0xFF506077)
YUV	93.8380, 12.4049, -12.1359
Hunter-Lab	33.7685, -1.8957, -9.8684

Details

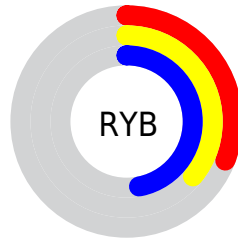
The Hex color **506077** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776750**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8292AB**, and **213247** is the 20% darker color. If you saturate the color by 10%, you get **445977**, and if you desaturate by 10%, it is **5C6777**.

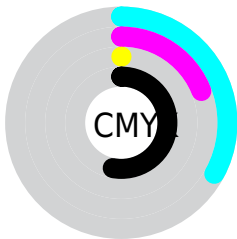
Distribution



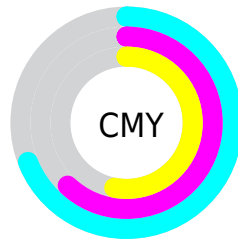
- Red (31%)
- Green (38%)
- Blue (47%)



- Red (31%)
- Yellow (36%)
- Blue (47%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (53%)



- Cyan (69%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 506077 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 506077 by changing the saturation by 10% instead.

■ 506077

■ 506077

FFFFFF

■ 38485E

■ 8292AB

■ 213247

■ 9DADC7

■ 0A1D30

■ B8C8E3

■ 00021C

■ D4E4FF

■ 000000

■ F0FFFF

■ 506077

■ 506077

■ 445977

■ 5C6777

■ 385277

■ 686E77

■ 2C4B77

■ 747577

■ 204477

■ 807C77

■ 153D77

■ 8B8377

■ 093677

■ 978A77

■ 003177

■ A39177

■ AF9877

■ BB9F77

Harmonies

Analogous

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



426373



506077



615C74

Triad

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



506077



785753



4D6452

Complementary

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



506077



776750

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.



5B6249



506077



725A4A

Square

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



506077



765660



685E47



41665E

Rectangle

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



506077



6A596F



685E47



52644F

Sweetspot

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



506077



8C929C



507767



46494F



CFCFCF



4F4F4F

Same Dimension

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



506077



5F789C



535077



35373B



00327A



0067FA

Inverse Universe

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



775060



9C5F78



747750



3B3537



7A0032



FA0067

Previews

White Background



This preview shows how the Hex color 506077 looks on a white background.

Color Contrast Check

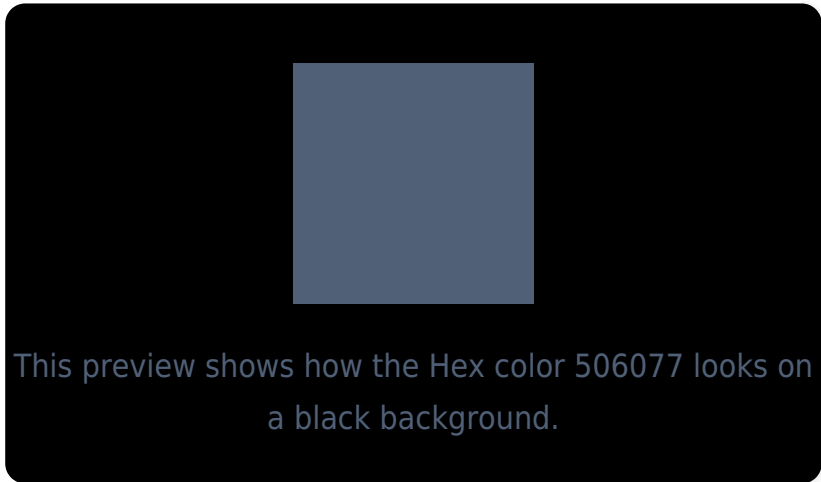
Large Text (above 18pt) WCAG AA ✓ Pass

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

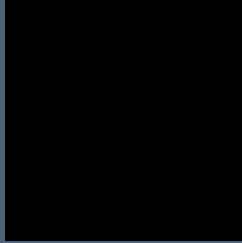
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

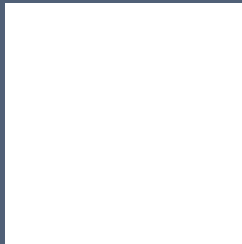
Any Text WCAG AAA × Fail

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

Hex 506077 Background



This preview shows how black text looks on a background with the Hex color 506077.

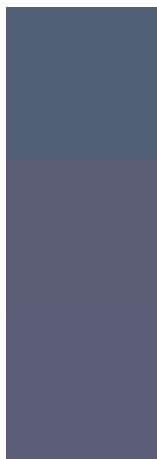


This preview shows how white text looks on a background with the Hex color 506077.

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
506077

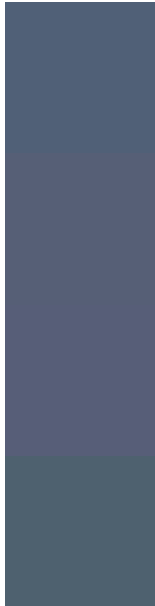
Protanopia
595E75

Deuteranopia
5B5D78



Tritanopia
4D626A

Trichromacy



Original Color

506077

Protanomaly

565F76

Deuteranomaly

575E78

Tritanomaly

4E616F

Monochromacy



Original Color

506077

Achromatopsia

5E5E5E

Achromatomaly

595F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 506077 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 #506077 looks like.

```
.text, #text, p{  
    color:#506077  
}
```

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 #506077 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506077
}
```

Border

The CSS property to change the border of an element to Hex 506077 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
#506077 }
```

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

```
.border{ border-color:#506077 }
```

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

Here you see how a box with a 4 pixel #506077 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506077; -webkit-box-shadow:4px 4px  
4px 4px #506077; box-shadow:4px 4px 4px  
4px #506077 }
```

Background

The CSS property to change the background color of an element to Hex 506077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506077 }
```

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

```
.background{ background-color:#506077 }
```

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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