

Converting Colors

Hex(506666)

Have a look what the booklet for
Hex(506666) contains.

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Color

Hex(506666)

Conversions

Conversions Part 1

Format	Color
Hex	506666
RGB	80, 102, 102
RGB Percent	31%, 40%, 40%
CMY	0.6863, 0.6000, 0.6000
CMYK	0.22, 0.00, 0.00, 0.60
HSL	180°, 12%, 36%
HSV	180°, 22%, 40%
XYZ	10.4579, 12.1675, 14.3677
YIQ	95.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

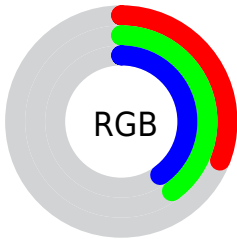
Format	Color
R_{YB}	80, 91, 102
Decimal	5269094
CIE _{Lab}	41.48, -8.17, -2.72
CIE _{LCh}	41, 8.611, 198.386
Yxy	12.1675, 0.2827, 0.3289
Android (android.graphics.Color)	4283459174 (0xFF506666)
YUV	95.4220, 3.2430, -13.5251
Hunter-Lab	34.8820, -7.5277, -0.0039

Details

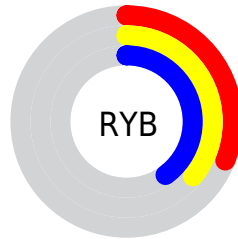
The Hex color **506666** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665050**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **829999**, and **223737** is the 20% darker color. If you saturate the color by 10%, you get **466666**, and if you desaturate by 10%, it is **5A6666**.

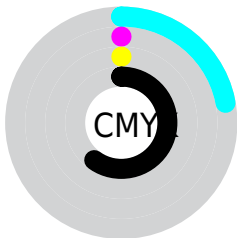
Distribution



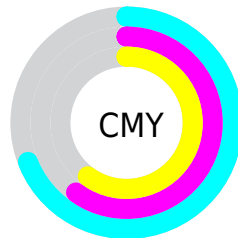
- Red (31%)
- Green (40%)
- Blue (40%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 506666 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 506666 by changing the saturation by 10% instead.

■ 506666

■ 506666

FFFFFF

■ 394E4E

■ 829999

■ 223737

■ 9CB4B4

■ 0D2222

■ B7CFCF

■ 000B0C

■ D3ECEB

■ 000000

■ EFFFFFF

■ 506666

■ 506666

■ 466666

■ 5A6666

■ 3C6666

■ 646666

■ 316666

■ 6F6666

■ 276666

■ 796666

■ 1D6666

■ 836666

■ 136666

■ 8D6666

■ 096666

■ 976666

■ 006666

■ A26666

■ AC6666

Harmonies

Analogous

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



54665F



506666



51656C

Triad

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



506666



685F6B



6A6054

Complementary

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



506666



665050

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.



6F5E58



506666



6F5D65

Square

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



506666



60616F



715D5E



636354

Rectangle

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



506666



55646F



715D5E



6C6055

Sweetspot

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



506666



7D8585



506650



3E4242



C2C2C2



424242

Same Dimension

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



506666



628585



505B66



2E3333



007373



00F2F2

Inverse Universe

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



665066



856285



665B50



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 506666 looks on a white background.

Color Contrast Check

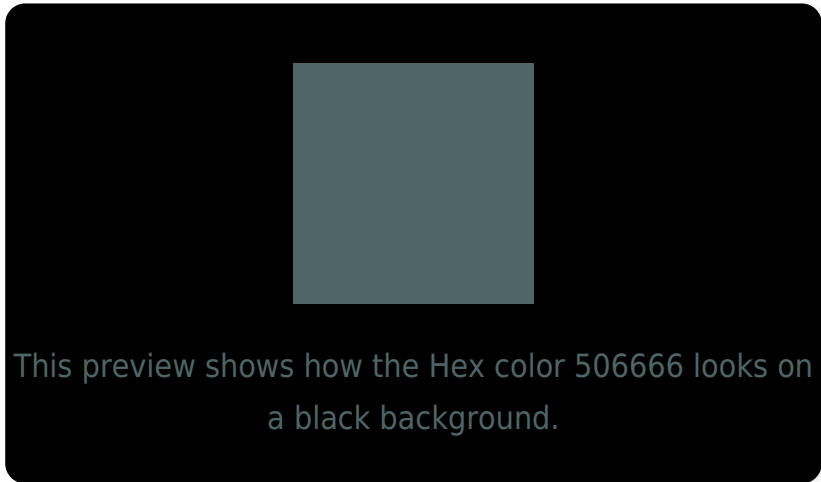
Large Text (above 18pt) WCAG AA ✓ Pass

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

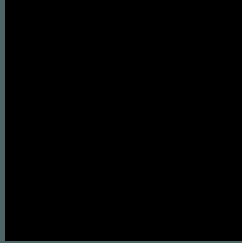
Any Text WCAG AA × Fail

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 506666 Background



This preview shows how black text looks on a background with the Hex color 506666.



This preview shows how white text looks on a background with the Hex color 506666.

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](#).

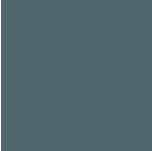
Dichromacy



Original Color
506666

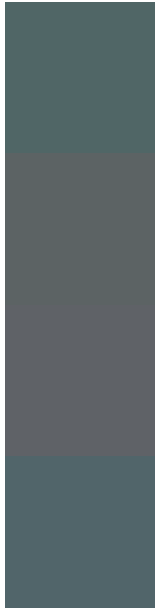
Protanopia
636163

Deuteranopia
685F67



Tritanopia
51656D

Trichromacy



Original Color
506666

Protanomaly
5C6364

Deuteranomaly
5F6267

Tritanomaly
51656A

Monochromacy



Original Color
506666

Achromatopsia
5F5F5F

Achromatomaly
5A6262

CSS Examples

Text

The CSS property to change the color of the text to Hex 506666 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 #506666 looks like.

```
.text, #text, p{  
    color:#506666  
}
```

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 #506666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #506666
}
```

Border

The CSS property to change the border of an element to Hex 506666 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
#506666 }
```

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

```
.border{ border-color:#506666 }
```

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

Here you see how a box with a 4 pixel #506666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #506666; -webkit-box-shadow:4px 4px  
4px 4px #506666; box-shadow:4px 4px 4px  
4px #506666 }
```

Background

The CSS property to change the background color of an element to Hex 506666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#506666 }
```

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

```
.background{ background-color:#506666 }
```

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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