

Converting Colors

Hex(596466)

Have a look what the booklet for
Hex(596466) contains.

Hex(596466)	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(596466)

Conversions

Conversions Part 1

Format	Color
Hex	596466
RGB	89, 100, 102
RGB Percent	35%, 39%, 40%
CMY	0.6510, 0.6078, 0.6000
CMYK	0.13, 0.02, 0.00, 0.60
HSL	189°, 7%, 37%
HSV	189°, 13%, 40%
XYZ	11.0753, 12.1975, 14.3410
YIQ	96.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

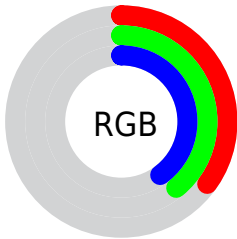
Format	Color
R_{YB}	89, 95, 102
Decimal	5858406
CIE _{Lab}	41.53, -3.75, -2.57
CIE _{LCh}	42, 4.547, 214.439
Yxy	12.1975, 0.2944, 0.3243
Android (android.graphics.Color)	4284048486 (0xFF596466)
YUV	96.9390, 2.4951, -6.9625
Hunter-Lab	34.9249, -4.5133, 0.1016

Details

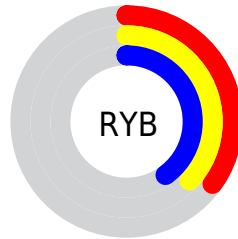
The Hex color **596466** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **665B59**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8B9799**, and **2B3537** is the 20% darker color. If you saturate the color by 10%, you get **4F6266**, and if you desaturate by 10%, it is **636666**.

Distribution



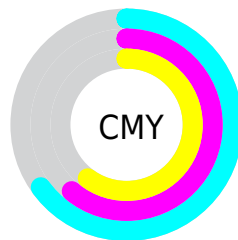
- Red (35%)
- Green (39%)
- Blue (40%)



- Red (35%)
- Yellow (37%)
- Blue (40%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 596466 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 596466 by changing the saturation by 10% instead.

■ 596466

■ 596466

FFFFFF

■ 424C4E

■ 8B9799

■ 2B3537

■ A5B1B4

■ 172022

■ C1CDCF

■ 00090C

■ DCE9EB

■ 000000

■ F9FFFF

■ 596466

■ 596466

■ 4F6266

■ 636666

■ 456166

■ 6D6766

■ 3A5F66

■ 786966

■ 305E66

■ 826A66

■ 265C66

■ 8C6C66

■ 1C5B66

■ 966D66

■ 125966

■ A06F66

■ 075766

■ AB7166

■ 005666

■ B57266

Harmonies

Analogous

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



596462



596466



5B6369

Triad

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



596466



676065



65625B

Complementary

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



596466



665B59

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.



68615B



596466



6A5F61

Square

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



596466



636168



6A605E



60635C

Rectangle

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



596466



5D6269



6A605E



66615B

Sweetspot

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



596466



7F8485



59665B



3F4242



C2C2C2



424242

Same Dimension

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



596466



718285



595E66



2E3233



006173



00CDF2

Inverse Universe

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



665964



857182



666159



332E32



730061



F200CD

Previews

White Background



This preview shows how the Hex color 596466 looks on a white background.

Color Contrast Check

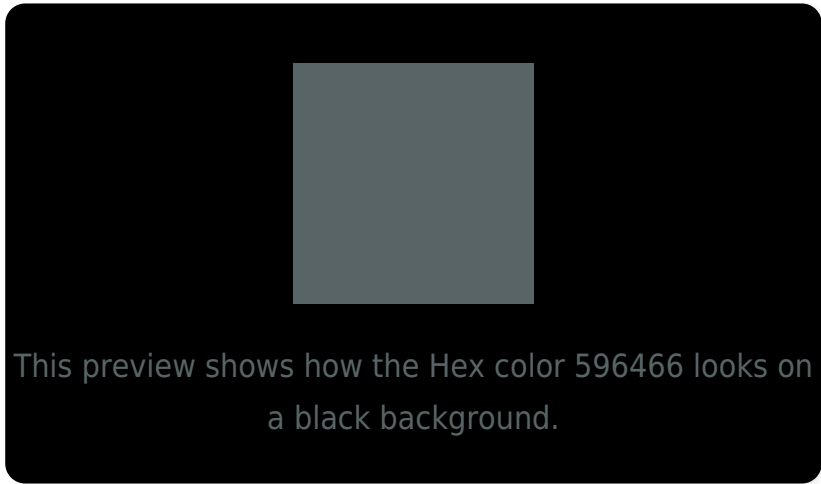
Large Text (above 18pt) WCAG AA ✓ Pass

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

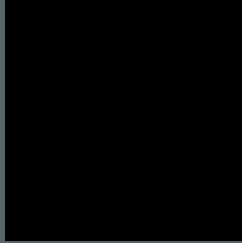
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

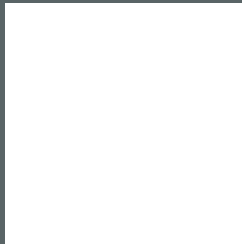
Any Text WCAG AAA × Fail

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

Hex 596466 Background



This preview shows how black text looks on a background with the Hex color 596466.



This preview shows how white text looks on a background with the Hex color 596466.

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](#).

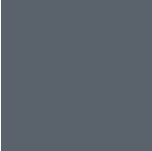
Dichromacy



Original Color
596466

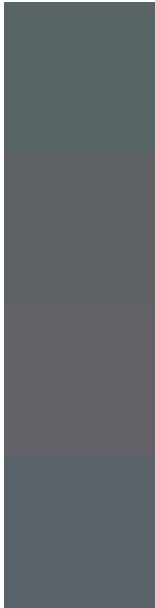
Protanopia
636164

Deuteranopia
695F67



Tritanopia
5A636B

Trichromacy



Original Color

596466

Protanomaly

5F6265

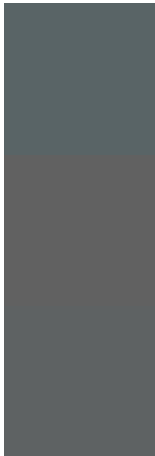
Deuteranomaly

636167

Tritanomaly

5A6369

Monochromacy



Original Color

596466

Achromatopsia

616161

Achromatomaly

5E6263

CSS Examples

Text

The CSS property to change the color of the text to Hex 596466 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 #596466 looks like.

```
.text, #text, p{  
    color:#596466  
}
```

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 #596466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596466
}
```

Border

The CSS property to change the border of an element to Hex 596466 is called "border". The border property can be set on classes, ids or directly on the HTML element.

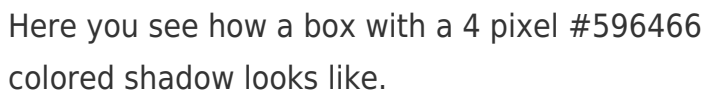
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#596466 }
```

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

```
.border{ border-color:#596466 }
```

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



Here you see how a box with a 4 pixel #596466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596466; -webkit-box-shadow:4px 4px  
4px 4px #596466; box-shadow:4px 4px 4px  
4px #596466 }
```

Background

The CSS property to change the background color of an element to Hex 596466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596466 }
```

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

```
.background{ background-color:#596466 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor