

# Converting Colors

Hex(5A6164)

Have a look what the booklet for  
Hex(5A6164) contains.

<b>Hex(5A6164)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5A6164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A6164
RGB	90, 97, 100
RGB Percent	35%, 38%, 39%
CMY	0.6471, 0.6196, 0.6078
CMYK	0.10, 0.03, 0.00, 0.61
HSL	198°, 5%, 37%
HSV	198°, 10%, 39%
XYZ	10.7914, 11.6431, 13.7352
YIQ	95.2490, -5.1350, -0.5510

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	90, 94, 100
Decimal	5923172
CIE Lab	40.64, -2.04, -2.64
CIE LCh	41, 3.339, 232.349
Yxy	11.6431, 0.2984, 0.3219
Android (android.graphics.Color)	4284113252 (0xFF5A6164)
YUV	95.2490, 2.3422, -4.6034
Hunter-Lab	34.1221, -3.2614, 0.0194

# Details

The Hex color **5A6164** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **645D5A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8C9497**, and **2C3335** is the 20% darker color. If you saturate the color by 10%, you get **505E64**, and if you desaturate by 10%, it is **646464**.

# Distribution



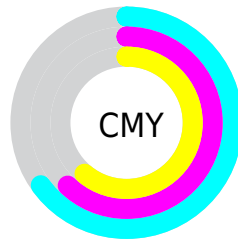
- Red (35%)
- Green (38%)
- Blue (39%)



- Red (35%)
- Yellow (37%)
- Blue (39%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (61%)



- Cyan (65%)
- Magenta (62%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6164 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 5A6164 by changing the saturation by 10% instead.



■ 5A6164

■ 5A6164

FFFFFF

■ 43494C

■ 8C9497

■ 2C3335

■ A6AEB1

■ 181E20

■ C2CACD

■ 000409

■ DEE6E9

■ 000000

■ FAFFFF

■ 5A6164

■ 5A6164

■ 505E64

■ 646464

■ 465B64

■ 6E6764

■ 3C5864

■ 786A64

■ 325564

■ 826D64

■ 285264

■ 8C7064

■ 1E4F64

■ 967364

■ 144C64

■ A07664

■ 0A4964

■ AA7964

■ 004664

■ B47C64

# Harmonies

## Analogous

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



596162



5A6164



5C6065

# Triad

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



5A6164



655E61



60605B

# Complementary

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



5A6164



645D5A

# 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.



635F5A



5A6164



665E5E

# Square

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



5A6164



635F63



655F5C



5D615C

# Rectangle

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



5A6164



5E6065



655F5C



61605A



# Sweetspot

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



5A6164



7E8182



5A645D



404242



C2C2C2



424242



# Same Dimension

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



5A6164



727D82



5A5C64



2E3133



005073



00AAF2



# Inverse Universe

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



645A61



82727D



64625A



332E31



730050



F200AA



# Previews

## White Background



This preview shows how the Hex color 5A6164 looks on a white background.

## Color Contrast Check

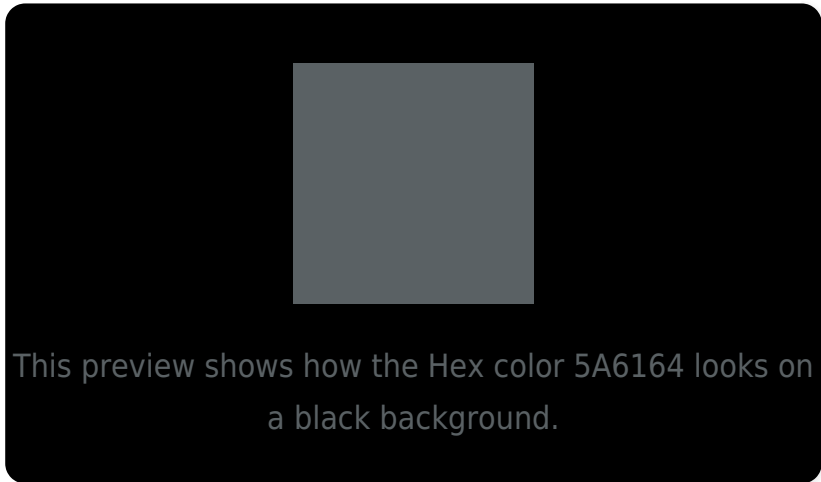
Large Text (above 18pt) WCAG AA ✓ Pass

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

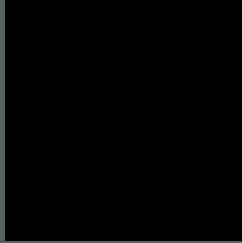
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

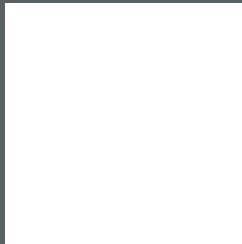
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A6164 Background



This preview shows how black text looks on a background with the Hex color 5A6164.



This preview shows how white text looks on a background with the Hex color 5A6164.

# 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**

5A6164

**Protanopia**

605F63

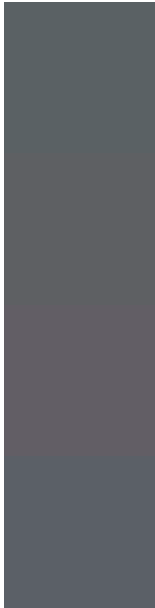
**Deuteranopia**

675D65



**Tritanopia**  
5B6068

# Trichromacy



**Original Color**

5A6164

**Protanomaly**

5E6063

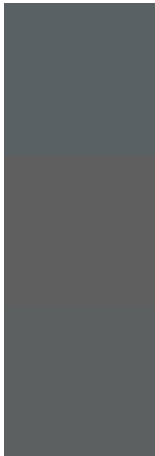
**Deuteranomaly**

625E65

**Tritanomaly**

5B6067

# Monochromacy



**Original Color**

5A6164

**Achromatopsia**

5F5F5F

**Achromatomaly**

5D6061

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6164 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 #5A6164 looks like.

```
.text, #text, p{  
    color:#5A6164  
}
```

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 #5A6164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6164
}
```

## Border

The CSS property to change the border of an element to Hex 5A6164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

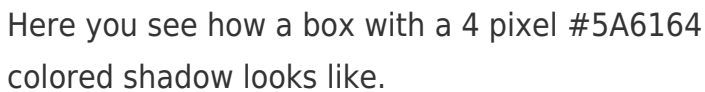
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6164 }
```

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

```
.border{ border-color:#5A6164 }
```

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



Here you see how a box with a 4 pixel #5A6164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6164; -webkit-box-shadow:4px 4px  
4px 4px #5A6164; box-shadow:4px 4px 4px  
4px #5A6164 }
```

# Background

The CSS property to change the background color of an element to Hex 5A6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6164 }
```

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

```
.background{ background-color:#5A6164 }
```

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