

# Converting Colors

Hex(5A6260)

Have a look what the booklet for  
Hex(5A6260) contains.

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# Color

**Hex(5A6260)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 5A6260                    |
| RGB           | 90, 98, 96                |
| RGB Percent   | 35%, 38%, 38%             |
| CMY           | 0.6471, 0.6157, 0.6235    |
| CMYK          | 0.08, 0.00, 0.02, 0.62    |
| HSL           | 165°, 4%, 37%             |
| HSV           | 165°, 8%, 38%             |
| XYZ           | 10.6955, 11.7536, 12.7713 |
| YIQ           | 95.3800, -4.1260, -2.3180 |

# Conversions

## Conversions Part 2

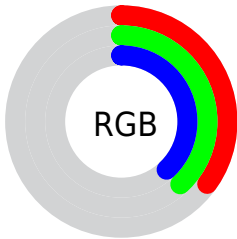
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>RYB</b>                          | 90, 95, 98                  |
| Decimal                             | 5923424                     |
| CIELab                              | 40.82, -3.53, 0.07          |
| CIELCh                              | 41, 3.529, 178.908          |
| Yxy                                 | 11.7536, 0.3037,<br>0.3337  |
| Android<br>(android.graphics.Color) | 4284113504<br>(0xFF5A6260)  |
| YUV                                 | 95.3800, 0.3057,<br>-4.7183 |
| Hunter-Lab                          | 34.2835, -4.3092,<br>1.9117 |

# Details

The Hex color **5A6260** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **625A5C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8C9592**, and **2C3432** is the 20% darker color. If you saturate the color by 10%, you get **50625E**, and if you desaturate by 10%, it is **646262**.

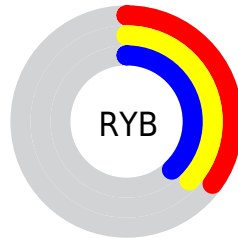
# Distribution



 Red (35%)

 Green (38%)

 Blue (38%)



 Red (35%)

 Yellow (37%)

 Blue (38%)

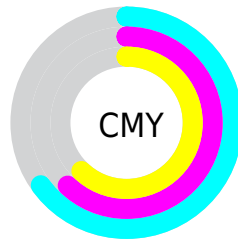



 Cyan (8%)


 Magenta (0%)

 Yellow (2%)

 Black (62%)



 Cyan (65%)

 Magenta (62%)

 Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A6260 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 5A6260 by changing the saturation by 10% instead.



■ 5A6260

■ 5A6260

FFFFFF

■ 434A48

■ 8C9592

■ 2C3432

■ A6AFAD

■ 181F1D

■ C2CBC8

■ 000603

■ DDE7E4

■ 000000

■ FAFFFF

■ 5A6260

■ 5A6260

■ 50625E

■ 646262

■ 46625B

■ 6E6265

3D6259

776267

336256

81626A

296254

8B626C

1F6251

95626F

15624F

9F6271

0C624C

A86274

02624A

B26276

# Harmonies

## Analogous

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



5C625D



5A6260



596263

# Triad

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



5A6260



616065



655F5B

# Complementary

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



5A6260



625A5C

# 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.



675E5E



5A6260



645F63

# Square

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



5A6260



5D6066



665E60



63605A

# Rectangle

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



5A6260



5A6264



665E60



665F5C



# Sweetspot

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



5A6260



7D807F



5C625A



3E403F



BFBFBF



404040



# Same Dimension

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



5A6260



73807C



5A6062



2C302F



007054



00F0B4



# Inverse Universe

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



625A5C



807376



625C5A



302C2D



70001C



F0003C



# Previews

## White Background



This preview shows how the Hex color 5A6260 looks on a white background.

## Color Contrast Check

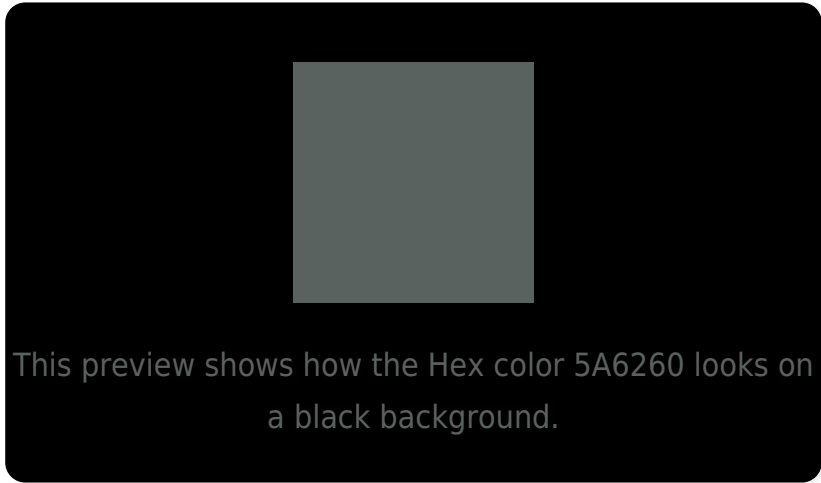
Large Text (above 18pt) WCAG AA ✓ Pass

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

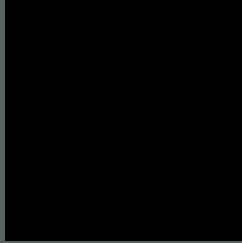
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

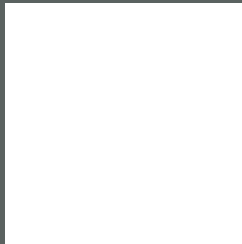
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5A6260 Background



This preview shows how black text looks on a background with the Hex color 5A6260.



This preview shows how white text looks on a background with the Hex color 5A6260.

# 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**  
5A6260

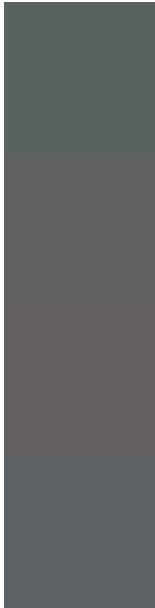
**Protanopia**  
62605F

**Deuteranopia**  
695D61



**Tritanopia**  
5B6168

# Trichromacy



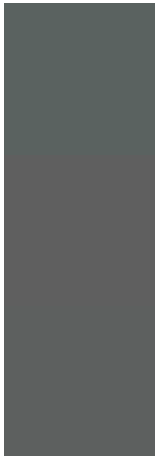
**Original Color**  
5A6260

**Protanomaly**  
5F615F

**Deuteranomaly**  
645F61

**Tritanomaly**  
5B6165

# Monochromacy



**Original Color**  
5A6260

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5D605F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A6260 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 #5A6260 looks like.

```
.text, #text, p{  
    color:#5A6260  
}
```

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 #5A6260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6260
}
```

## Border

The CSS property to change the border of an element to Hex 5A6260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

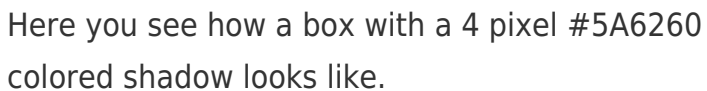
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A6260 }
```

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

```
.border{ border-color:#5A6260 }
```

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



Here you see how a box with a 4 pixel #5A6260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6260; -webkit-box-shadow:4px 4px  
4px 4px #5A6260; box-shadow:4px 4px 4px  
4px #5A6260 }
```

# Background

The CSS property to change the background color of an element to Hex 5A6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6260 }
```

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

```
.background{ background-color:#5A6260 }
```

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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