

# Converting Colors

Hex(4C6160)

Have a look what the booklet for  
Hex(4C6160) contains.

<b>Hex(4C6160)</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(4C6160)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6160
RGB	76, 97, 96
RGB Percent	30%, 38%, 38%
CMY	0.7020, 0.6196, 0.6235
CMYK	0.22, 0.00, 0.01, 0.62
HSL	177°, 12%, 34%
HSV	177°, 22%, 38%
XYZ	9.3665, 10.9304, 12.6824
YIQ	90.6070, -12.1950, -4.7630

# Conversions

## Conversions Part 2

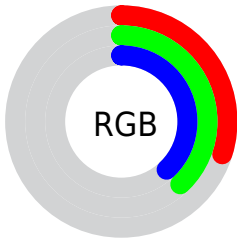
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 87, 97
Decimal	5005664
CIE <sub>Lab</sub>	39.46, -8.12, -2.05
CIE <sub>LCh</sub>	39, 8.370, 194.162
Yxy	10.9304, 0.2840, 0.3314
Android (android.graphics.Color)	4283195744 (0xFF4C6160)
YUV	90.6070, 2.6587, -12.8103
Hunter-Lab	33.0612, -7.2865, 0.3989

# Details

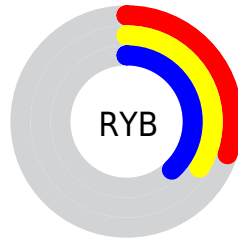
The Hex color **4C6160** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **614C4D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7D9492**, and **1F3332** is the 20% darker color. If you saturate the color by 10%, you get **426160**, and if you desaturate by 10%, it is **566160**.

# Distribution



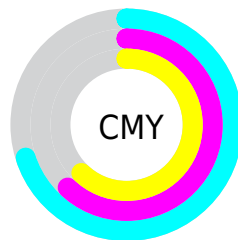
- Red (30%)
- Green (38%)
- Blue (38%)



- Red (30%)
- Yellow (34%)
- Blue (38%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (62%)



- Cyan (70%)
- Magenta (62%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6160 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 4C6160 by changing the saturation by 10% instead.



4C6160

4C6160

FFFFFF

354948

7D9492

1F3332

97AEAD

0A1E1D

B2CAC8

000003

CEE6E4

000000

EAEAE4

4C6160

4C6160

426160

566160

39615F

5F6161

■ 2F615F

■ 696161

■ 25615E

■ 736162

■ 1C615E

■ 7D6162

■ 12615D

■ 866163

■ 08615D

■ 906163

■ 00615C

■ 9A6164

■ A36164

# Harmonies

## Analogous

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



506159



4C6160



4C6066

# Triad

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



4C6160



625A67



665B50

# Complementary

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



4C6160



614C4D

# 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.



6A5954



4C6160



695961

# Square

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



4C6160



5A5C6A



6C585A



5F5E50

# Rectangle

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



4C6160



4F5F69



6C585A



685B51



# Sweetspot

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



4C6160



757D7D



4D614C



3B4040



BFBFBF



404040



# Same Dimension

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



4C6160



5C7D7B



4C5861



2C3030



00706B



00F0E4



# Inverse Universe

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



614C4D



7D5C5E



61554C



302C2C



700005



F0000B



# Previews

## White Background



This preview shows how the Hex color 4C6160 looks on a white background.

## Color Contrast Check

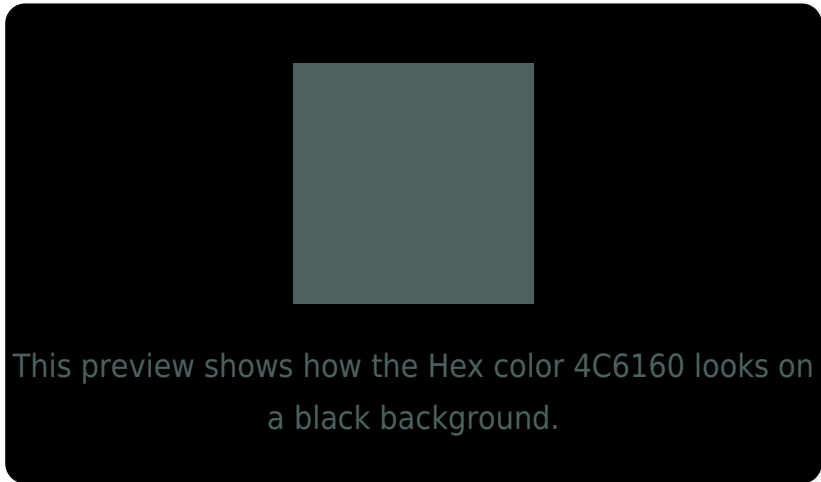
Large Text (above 18pt) WCAG AA ✓ Pass

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

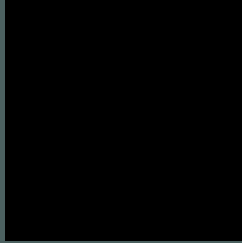
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6160 Background



This preview shows how black text looks on a background with the Hex color 4C6160.

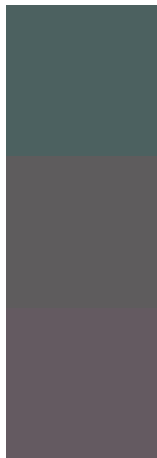


This preview shows how white text looks on a background with the Hex color 4C6160.

# 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](#).

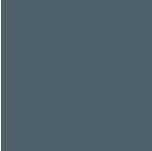
## Dichromacy



**Original Color**  
4C6160

**Protanopia**  
5E5C5D

**Deuteranopia**  
645A61



**Tritanopia**  
4E6068

# Trichromacy



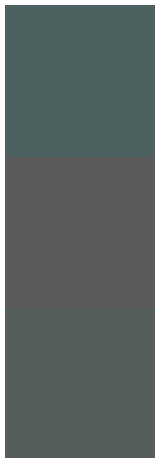
**Original Color**  
4C6160

**Protanomaly**  
575E5E

**Deuteranomaly**  
5B5D61

**Tritanomaly**  
4D6065

# Monochromacy



**Original Color**  
4C6160

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
565D5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6160 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 #4C6160 looks like.

```
.text, #text, p{  
    color:#4C6160  
}
```

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 #4C6160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6160
}
```

## Border

The CSS property to change the border of an element to Hex 4C6160 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
#4C6160 }
```

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

```
.border{ border-color:#4C6160 }
```

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

Here you see how a box with a 4 pixel #4C6160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6160; -webkit-box-shadow:4px 4px  
4px 4px #4C6160; box-shadow:4px 4px 4px  
4px #4C6160 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6160 }
```

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

```
.background{ background-color:#4C6160 }
```

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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