

# Converting Colors

Hex(4C6361)

Have a look what the booklet for  
Hex(4C6361) contains.

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# Color

**Hex(4C6361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6361
RGB	76, 99, 97
RGB Percent	30%, 39%, 38%
CMY	0.7020, 0.6118, 0.6196
CMYK	0.23, 0.00, 0.02, 0.61
HSL	175°, 13%, 34%
HSV	175°, 23%, 39%
XYZ	9.6000, 11.3232, 12.9889
YIQ	91.8950, -13.0660, -5.4980

# Conversions

## Conversions Part 2

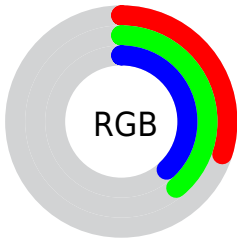
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 88, 99
Decimal	5006177
CIE Lab	40.12, -9.04, -1.70
CIE LCh	40, 9.200, 190.624
Yxy	11.3232, 0.2831, 0.3339
Android (android.graphics.Color)	4283196257 (0xFF4C6361)
YUV	91.8950, 2.5168, -13.9399
Hunter-Lab	33.6500, -7.9634, 0.6691

# Details

The Hex color **4C6361** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **634C4E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7D9694**, and **1F3433** is the 20% darker color. If you saturate the color by 10%, you get **426360**, and if you desaturate by 10%, it is **566362**.

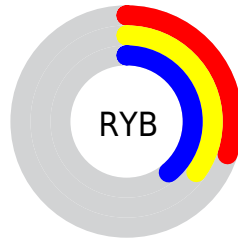
# Distribution



Red (30%)

Green (39%)

Blue (38%)



Red (30%)

Yellow (35%)

Blue (39%)

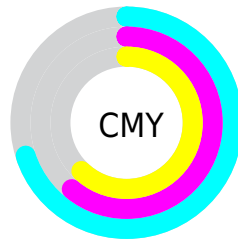


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (61%)



Cyan (70%)

Magenta (61%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6361 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 4C6361 by changing the saturation by 10% instead.





4C6361



4C6361

FFFFFF



354B49



7D9694



1F3433



97B0AE



091F1E



B2CCC9



000105



CEE8E6



000000



EAEFFF



4C6361



4C6361



426360



566362



38635F



606363

■ 2E635E

■ 6A6364

■ 24635E

■ 746364

■ 1A635D

■ 7E6365

■ 11635C

■ 876366

■ 07635B

■ 916367

■ 00635A

■ 9B6368

■ A56369

# Harmonies

## Analogous

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



516359



4C6361



4C6268

# Triad

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



4C6361



635C6A



695C51

# Complementary

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



4C6361



634C4E

# 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.



6E5A55



4C6361



6B5A64

# Square

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



4C6361



5A5E6D



6E595C



625F50

# Rectangle

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



4C6361



4F616B



6E595C



6B5C52



# Sweetspot

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



4C6361



77807F



4E634C



3B403F



BFBFBF



404040



# Same Dimension

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



4C6361



5C807C



4C5A63



2C3030



007066



00F0DB



# Inverse Universe

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



634C4E



805C5F



63554C



302C2C



70000A



F00015



# Previews

## White Background



This preview shows how the Hex color 4C6361 looks on a white background.

## Color Contrast Check

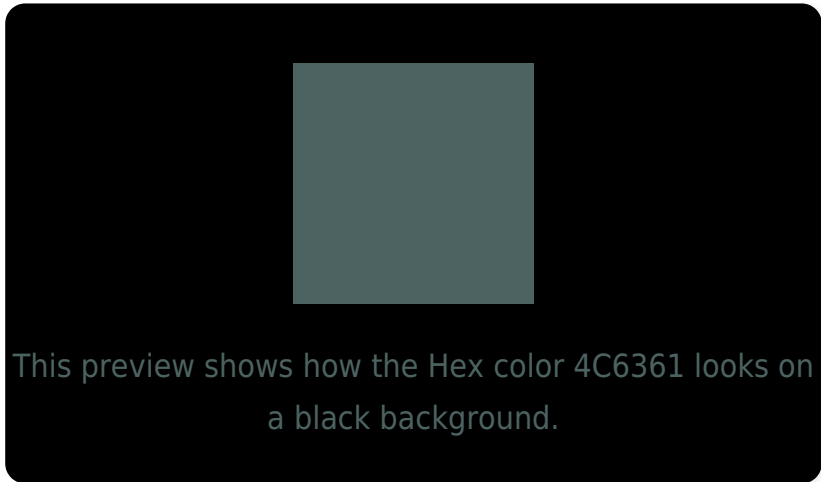
Large Text (above 18pt) WCAG AA ✓ Pass

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

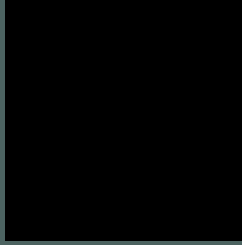
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6361 Background



This preview shows how black text looks on a background with the Hex color 4C6361.



This preview shows how white text looks on a background with the Hex color 4C6361.

# 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](#).

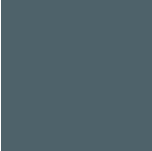
## Dichromacy



**Original Color**  
4C6361

**Protanopia**  
605E5E

**Deuteranopia**  
655B63



**Tritanopia**  
4E626A

# Trichromacy



**Original Color**

4C6361

**Protanomaly**

59605F

**Deuteranomaly**

5C5E62

**Tritanomaly**

4D6267

# Monochromacy



**Original Color**

4C6361

**Achromatopsia**

5C5C5C

**Achromatomaly**

565F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6361 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 #4C6361 looks like.

```
.text, #text, p{  
    color:#4C6361  
}
```

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 #4C6361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6361
}
```

## Border

The CSS property to change the border of an element to Hex 4C6361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

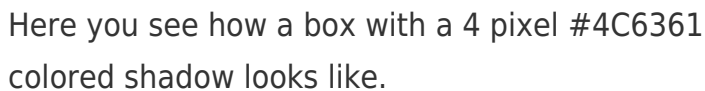
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C6361 }
```

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

```
.border{ border-color:#4C6361 }
```

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



Here you see how a box with a 4 pixel #4C6361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6361; -webkit-box-shadow:4px 4px  
4px 4px #4C6361; box-shadow:4px 4px 4px  
4px #4C6361 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6361 }
```

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

```
.background{ background-color:#4C6361 }
```

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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