

# Converting Colors

Hex(4C6132)

Have a look what the booklet for  
Hex(4C6132) contains.

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**Color**

**Hex(4C6132)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6132
RGB	76, 97, 50
RGB Percent	30%, 38%, 20%
CMY	0.7020, 0.6196, 0.8039
CMYK	0.22, 0.00, 0.48, 0.62
HSL	87°, 32%, 29%
HSV	87°, 48%, 38%
XYZ	7.8309, 10.3162, 4.5961
YIQ	85.3630, 2.5710, -19.0690

# Conversions

## Conversions Part 2

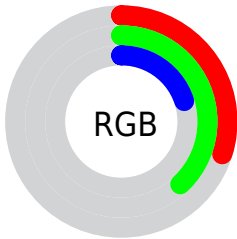
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 97, 71
Decimal	5005618
CIELab	38.40, -16.93, 24.16
CIElCh	38, 29.505, 125.021
Yxy	10.3162, 0.3443, 0.4536
Android (android.graphics.Color)	4283195698 (0xFF4C6132)
YUV	85.3630, -17.4340, -8.2114
Hunter-Lab	32.1188, -12.6877, 13.9990

# Details

The Hex color **4C6132** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **473261**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7E9461**, and **1E3204** is the 20% darker color. If you saturate the color by 10%, you get **486128**, and if you desaturate by 10%, it is **50613C**.

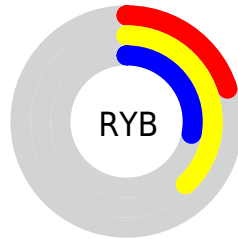
# Distribution



Red (30%)

Green (38%)

Blue (20%)



Red (20%)

Yellow (38%)

Blue (28%)

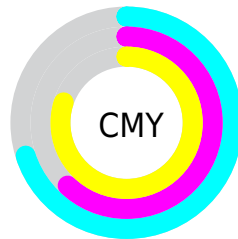


Cyan (22%)

Magenta (0%)

Yellow (48%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6132 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 4C6132 by changing the saturation by 10% instead.





4C6132



4C6132

FFFFFF



34491C



7E9461



1E3204



98AE7A



031E00



B3CA94



000000



CFE6AF



EBFFCB



FFFFE7



4C6132



4C6132



486128



50613C

■ 43611F

■ 556145

■ 3F6115

■ 59614F

■ 3B610B

■ 5D6159

■ 366102

■ 626162

■ 366100

■ 66616C

■ 6A6176

■ 6F6180

■ 736189

# Harmonies

## Analogous

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



655A2A



4C6132



2D6545

# Triad

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



4C6132



006285



874757

# Complementary

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



4C6132



473261

# 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.



7B4A6F



4C6132



3A5C8A

# Square

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



4C6132



006675



625382



864A40

# Rectangle

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



4C6132



086655



625382



85475F



# Sweetspot

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



4C6132



757D6A



614632



3B4034



BFBFBF



404040



# Same Dimension

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



4C6132



5D7D34



356132



2E302C



3E7000



85F000



# Inverse Universe

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



473261



55347D



5E3261



2E2C30



320070

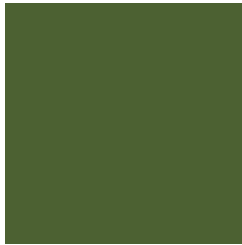


6B00F0



# Previews

## White Background



This preview shows how the Hex color 4C6132 looks on a white background.

## Color Contrast Check

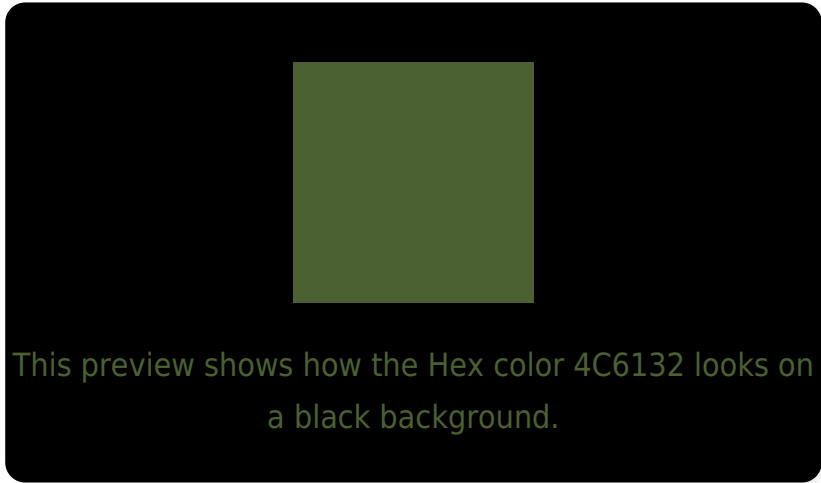
Large Text (above 18pt) WCAG AA ✓ Pass

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

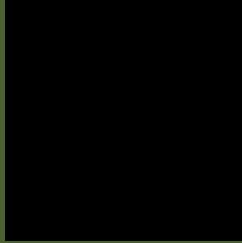
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6132 Background



This preview shows how black text looks on a background with the Hex color 4C6132.



This preview shows how white text looks on a background with the Hex color 4C6132.

# 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](#).

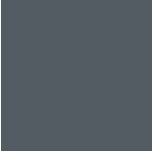
## Dichromacy



**Original Color**  
4C6132

**Protanopia**  
635A30

**Deuteranopia**  
6E5635



**Tritanopia**  
535C63

# Trichromacy



**Original Color**  
4C6132

**Protanomaly**  
5B5D31

**Deuteranomaly**  
625A34

**Tritanomaly**  
505E51

# Monochromacy



**Original Color**  
4C6132

**Achromatopsia**  
555555

**Achromatomaly**  
525948

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6132 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 #4C6132 looks like.

```
.text, #text, p{  
    color:#4C6132  
}
```

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 #4C6132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6132
}
```

## Border

The CSS property to change the border of an element to Hex 4C6132 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
#4C6132 }
```

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

```
.border{ border-color:#4C6132 }
```

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

Here you see how a box with a 4 pixel #4C6132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6132; -webkit-box-shadow:4px 4px  
4px 4px #4C6132; box-shadow:4px 4px 4px  
4px #4C6132 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6132 }
```

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

```
.background{ background-color:#4C6132 }
```

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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