

# Converting Colors

Hex(4C6243)

Have a look what the booklet for  
Hex(4C6243) contains.

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# Color

Hex(4C6243)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6243
RGB	76, 98, 67
RGB Percent	30%, 38%, 26%
CMY	0.7020, 0.6157, 0.7373
CMYK	0.22, 0.00, 0.32, 0.62
HSL	103°, 19%, 32%
HSV	103°, 32%, 38%
XYZ	8.3613, 10.6771, 6.9304
YIQ	87.8880, -3.1610, -14.3050

# Conversions

## Conversions Part 2

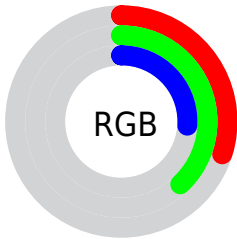
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 98, 89
Decimal	5005891
CIELab	39.03, -14.83, 15.03
CIElCh	39, 21.114, 134.622
Yxy	10.6771, 0.3220, 0.4112
Android (android.graphics.Color)	4283195971 (0xFF4C6243)
YUV	87.8880, -10.2978, -10.4258
Hunter-Lab	32.6759, -11.5071, 10.2980

# Details

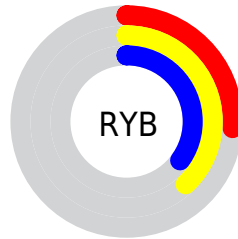
The Hex color **4C6243** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **594362**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7D9573**, and **1F3318** is the 20% darker color. If you saturate the color by 10%, you get **456239**, and if you desaturate by 10%, it is **53624D**.

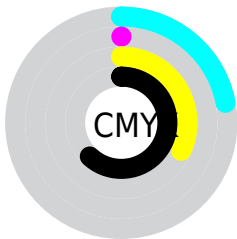
# Distribution



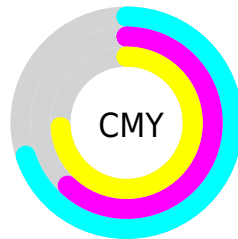
- Red (30%)
- Green (38%)
- Blue (26%)



- Red (26%)
- Yellow (38%)
- Blue (35%)



- Cyan (22%)
- Magenta (0%)
- Yellow (32%)
- Black (62%)



- Cyan (70%)
- Magenta (62%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6243 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 4C6243 by changing the saturation by 10% instead.





4C6243



4C6243

FFFFFF



354A2D



7D9573



1F3318



98AF8D



0B1E00



B2CBA7



000000



CEE7C3



EAFFDF



FFFFFFB



4C6243



4C6243



456239




53624D

 3E622F

 5A6257

 376226

 616260

 30621C

 68626A

 296212

 6F6274

 226208

 76627E

 1C6200

 7D6288

 846291

 8B629B

# Harmonies

## Analogous

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



5F5E3A



4C6243



376552

# Triad

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



4C6243



37607D



7E4F54

# Complementary

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



4C6243



594362

# 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.



785065



4C6243



525B7D

# Square

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



4C6243



236473



695574



7B5245

# Rectangle

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



4C6243



2A655E



695574



7D4F5A



# Sweetspot

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



4C6243



778074



625943



3B4039



BFBFBF



404040



# Same Dimension

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



4C6243



5D804F



436249



2D302C



217000



46F000



# Inverse Universe

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



594362



714F80



62435C



2F2C30



500070

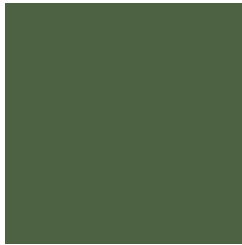


AA00F0



# Previews

## White Background



This preview shows how the Hex color 4C6243 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

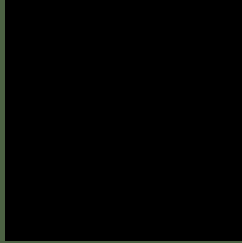
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C6243 Background



This preview shows how black text looks on a background with the Hex color 4C6243.



This preview shows how white text looks on a background with the Hex color 4C6243.

# 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](#).

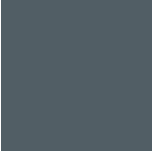
## Dichromacy



**Original Color**  
4C6243

**Protanopia**  
635C40

**Deuteranopia**  
6C5845



**Tritanopia**  
515E65

# Trichromacy



**Original Color**  
4C6243

**Protanomaly**  
5B5E41

**Deuteranomaly**  
605C44

**Tritanomaly**  
4F5F59

# Monochromacy



**Original Color**  
4C6243

**Achromatopsia**  
585858

**Achromatomaly**  
545C50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6243 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 #4C6243 looks like.

```
.text, #text, p{  
    color:#4C6243  
}
```

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 #4C6243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6243
}
```

## Border

The CSS property to change the border of an element to Hex 4C6243 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
#4C6243 }
```

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

```
.border{ border-color:#4C6243 }
```

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

Here you see how a box with a 4 pixel #4C6243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6243; -webkit-box-shadow:4px 4px  
4px 4px #4C6243; box-shadow:4px 4px 4px  
4px #4C6243 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6243 }
```

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

```
.background{ background-color:#4C6243 }
```

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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