

# Converting Colors

Hex(4C5030)

Have a look what the booklet for  
Hex(4C5030) contains.

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# Color

**Hex(4C5030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C5030
RGB	76, 80, 48
RGB Percent	30%, 31%, 19%
CMY	0.7020, 0.6863, 0.8118
CMYK	0.05, 0.00, 0.40, 0.69
HSL	68°, 25%, 25%
HSV	68°, 40%, 31%
XYZ	6.3827, 7.4872, 3.9051
YIQ	75.1560, 7.8880, -10.8000

# Conversions

## Conversions Part 2

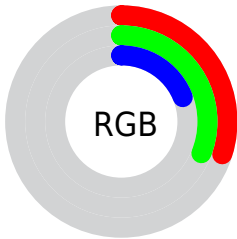
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 80, 52
Decimal	5001264
CIE <sub>Lab</sub>	32.89, -7.51, 18.34
CIE <sub>LCh</sub>	33, 19.816, 112.261
Yxy	7.4872, 0.3591, 0.4212
Android (android.graphics.Color)	4283191344 (0xFF4C5030)
YUV	75.1560, -13.3879, 0.7402
Hunter-Lab	27.3628, -6.2479, 10.6924

# Details

The Hex color **4C5030** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **343050**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7D815F**, and **202401** is the 20% darker color. If you saturate the color by 10%, you get **4B5028**, and if you desaturate by 10%, it is **4D5038**.

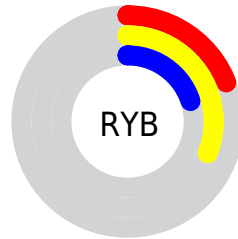
# Distribution



Red (30%)

Green (31%)

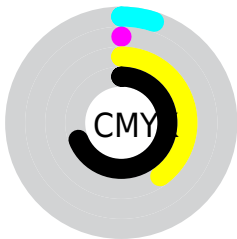
Blue (19%)



Red (19%)

Yellow (31%)

Blue (20%)

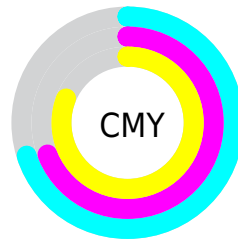


Cyan (5%)

Magenta (0%)

Yellow (40%)

Black (69%)



Cyan (70%)

Magenta (69%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C5030 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 4C5030 by changing the saturation by 10% instead.



 4C5030

 4C5030


FFFFFF

 35391B

 7D815F

 202401

 989B77

 000F00

 B2B691

 000000

 CED2AC

 EAEEC7

 FFFF E3

 4C5030

 4C5030

 4B5028

 4D5038

■ 4A5020

■ 4E5040

■ 495018

■ 4F5048

■ 485010

■ 505050

■ 475008

■ 515058

■ 465000

■ 525060

■ 535068

■ 545070

■ 555078

# Harmonies

## Analogous

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



5C4B2E



4C5030



3A543A

# Triad

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



4C5030



1A5466



694252

# Complementary

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



4C5030



343050

# 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.



5D4561



4C5030



31506C

# Square

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



4C5030



165659



4A4B6A



6C4242

# Rectangle

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



4C5030



2D5543



4A4B6A



664357



# Sweetspot

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



4C5030



67695C



503430



35362E



B5B5B5



363636



# Same Dimension

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



4C5030



626936



3C5030



282925



5B6900



CBE800



# Inverse Universe

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



343050



3D3669



443050



252529



0D0069



1D00E8



# Previews

## White Background



This preview shows how the Hex color 4C5030 looks on a white background.

## Color Contrast Check

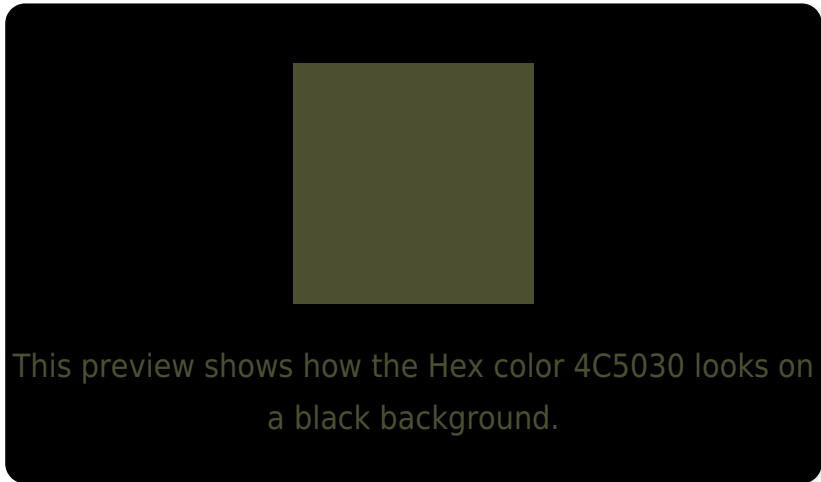
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

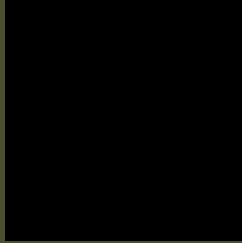
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

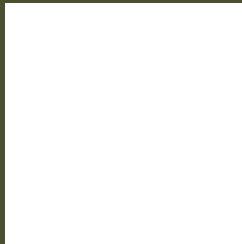
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C5030 Background



This preview shows how black text looks on a background with the Hex color 4C5030.



This preview shows how white text looks on a background with the Hex color 4C5030.

# 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**  
4C5030

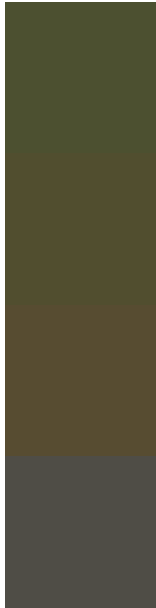
**Protanopia**  
544D2F

**Deuteranopia**  
5D4A31



**Tritanopia**  
504C52

# Trichromacy



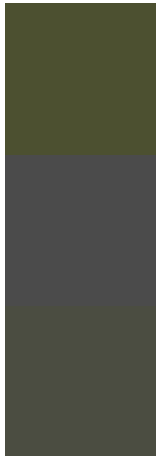
**Original Color**  
4C5030

**Protanomaly**  
514E2F

**Deuteranomaly**  
574C31

**Tritanomaly**  
4F4D46

# Monochromacy



**Original Color**  
4C5030

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
4B4D41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C5030 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 #4C5030 looks like.

```
.text, #text, p{  
    color:#4C5030  
}
```

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 #4C5030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5030
}
```

## Border

The CSS property to change the border of an element to Hex 4C5030 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
#4C5030 }
```

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

```
.border{ border-color:#4C5030 }
```

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

Here you see how a box with a 4 pixel #4C5030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5030; -webkit-box-shadow:4px 4px  
4px 4px #4C5030; box-shadow:4px 4px 4px  
4px #4C5030 }
```

# Background

The CSS property to change the background color of an element to Hex 4C5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5030 }
```

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

```
.background{ background-color:#4C5030 }
```

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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