

# Converting Colors

Hex(4F6030)

Have a look what the booklet for  
Hex(4F6030) contains.

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# Color

**Hex(4F6030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F6030
RGB	79, 96, 48
RGB Percent	31%, 38%, 19%
CMY	0.6902, 0.6235, 0.8118
CMYK	0.18, 0.00, 0.50, 0.62
HSL	81°, 33%, 28%
HSV	81°, 50%, 38%
XYZ	7.9408, 10.2414, 4.3546
YIQ	85.4450, 5.2760, -18.5320

# Conversions

## Conversions Part 2

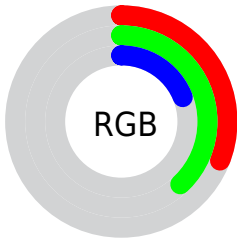
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 96, 65
Decimal	5201968
CIE <sub>Lab</sub>	38.27, -15.35, 25.18
CIE <sub>LCh</sub>	38, 29.489, 121.371
Yxy	10.2414, 0.3523, 0.4544
Android (android.graphics.Color)	4283392048 (0xFF4F6030)
YUV	85.4450, -18.4604, -5.6523
Hunter-Lab	32.0022, -11.7120, 14.3339

# Details

The Hex color **4F6030** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **413060**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **81935F**, and **213201** is the 20% darker color. If you saturate the color by 10%, you get **4C6026**, and if you desaturate by 10%, it is **52603A**.

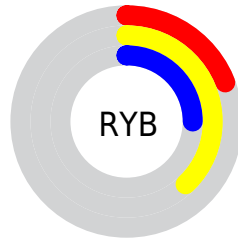
# Distribution



Red (31%)

Green (38%)

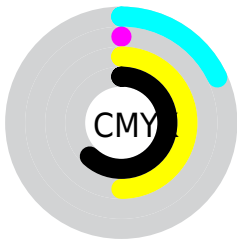
Blue (19%)



Red (19%)

Yellow (38%)

Blue (25%)

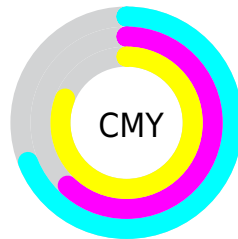


Cyan (18%)

Magenta (0%)

Yellow (50%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6030 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 4F6030 by changing the saturation by 10% instead.



■ 4F6030

■ 4F6030

FFFFFF

■ 37481A

■ 81935F

■ 213201

■ 9CAD78

■ 071D00

■ B7C992

■ 000000

■ D3E5AD

■ EFFF C9

■ FFFF E5

■ 4F6030

■ 4F6030

■ 4C6026

■ 52603A

■ 48601D

■ 566043

■ 456013

■ 59604D

■ 41600A

■ 5D6056

■ 3E6000

■ 606060

■ 63606A

■ 676073

■ 6A607D

■ 6E6086

# Harmonies

## Analogous

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



685929



4F6030



316442

# Triad

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



4F6030



006383



86465A

# Complementary

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



4F6030



413060

# 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.



794B71



4F6030



345C8A

# Square

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



4F6030



006672



5D5383



864943

# Rectangle

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



4F6030



126652



5D5383



834762



# Sweetspot

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



4F6030



767D6A



604130



3C4034



BFBFBF



404040



# Same Dimension

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



4F6030



627D32



376030



2F302C



487000



9BF000



# Inverse Universe

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



413060



4D327D



593060



2D2C30



280070

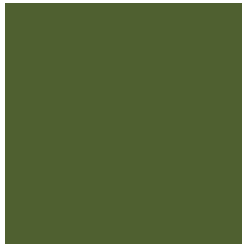


5500F0



# Previews

## White Background



This preview shows how the Hex color 4F6030 looks on a white background.

## Color Contrast Check

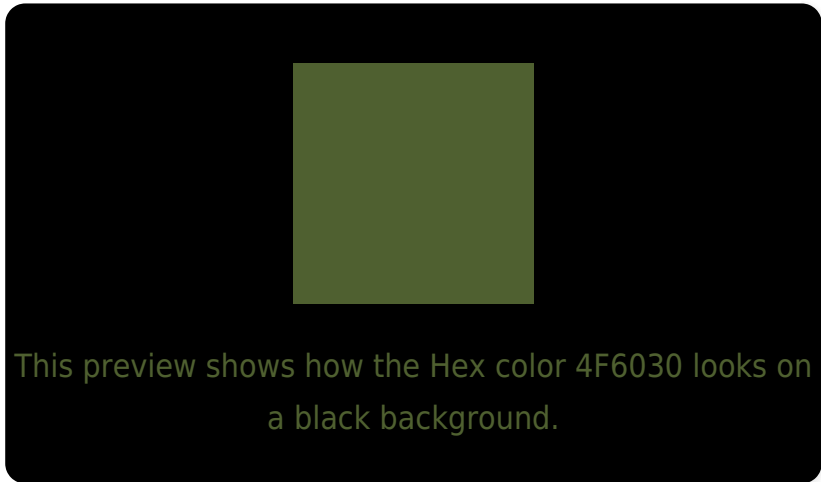
Large Text (above 18pt) WCAG AA ✓ Pass

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

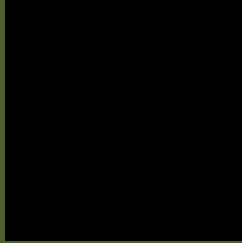
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F6030 Background



This preview shows how black text looks on a background with the Hex color 4F6030.



This preview shows how white text looks on a background with the Hex color 4F6030.

# 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**  
4F6030

**Protanopia**  
635A2E

**Deuteranopia**  
6E5633



**Tritanopia**  
555B62

# Trichromacy



**Original Color**  
4F6030

**Protanomaly**  
5C5C2F

**Deuteranomaly**  
635A32

**Tritanomaly**  
535D50

# Monochromacy



**Original Color**  
4F6030

**Achromatopsia**  
555555

**Achromatomaly**  
535948

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6030 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 #4F6030 looks like.

```
.text, #text, p{  
    color:#4F6030  
}
```

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 #4F6030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6030
}
```

## Border

The CSS property to change the border of an element to Hex 4F6030 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".

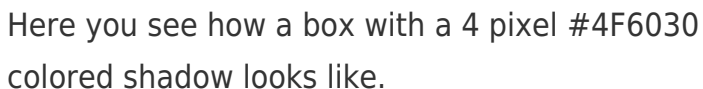
```
.border, #border, table{ border:4px solid
#4F6030 }
```

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

```
.border{ border-color:#4F6030 }
```

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

Here you see how a box with a 4 pixel #4F6030 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6030; -webkit-box-shadow:4px 4px  
4px 4px #4F6030; box-shadow:4px 4px 4px  
4px #4F6030 }
```

# Background

The CSS property to change the background color of an element to Hex 4F6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6030 }
```

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

```
.background{ background-color:#4F6030 }
```

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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