

# Converting Colors

Hex(4C6026)

Have a look what the booklet for  
Hex(4C6026) contains.

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# Color

Hex(4C6026)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6026
RGB	76, 96, 38
RGB Percent	30%, 38%, 15%
CMY	0.7020, 0.6235, 0.8510
CMYK	0.21, 0.00, 0.60, 0.62
HSL	81°, 43%, 26%
HSV	81°, 60%, 38%
XYZ	7.5132, 10.0422, 3.3761
YIQ	83.4080, 6.6980, -22.2780

# Conversions

## Conversions Part 2

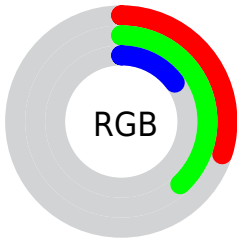
Format	Color
<b>RYB</b>	38, 96, 58
Decimal	5005350
CIELab	37.92, -17.82, 30.13
CIELCh	38, 35.006, 120.602
Yxy	10.0422, 0.3589, 0.4798
Android (android.graphics.Color)	4283195430 (0xFF4C6026)
YUV	83.4080, -22.3861, -6.4968
Hunter-Lab	31.6894, -13.1360, 15.8661

# Details

The Hex color **4C6026** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3A2660**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7E9355**, and **1F3200** is the 20% darker color. If you saturate the color by 10%, you get **49601C**, and if you desaturate by 10%, it is **4F6030**.

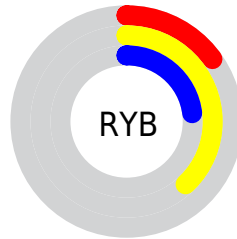
# Distribution



Red (30%)

Green (38%)

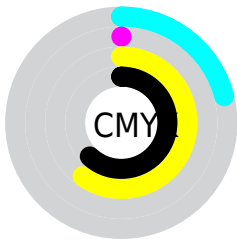
Blue (15%)



Red (15%)

Yellow (38%)

Blue (23%)

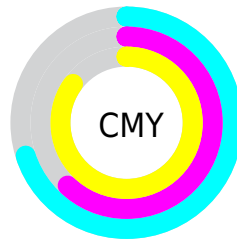


Cyan (21%)

Magenta (0%)

Yellow (60%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6026 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 4C6026 by changing the saturation by 10% instead.





4C6026



4C6026

FFFFFF



34480F



7E9355



1F3200



99AD6E



001D00



B4C988



000000



D0E5A2



EDFFBE



FFFFDA



FFFFF6



4C6026



4C6026

■ 49601C

■ 4F6030

■ 456013

■ 536039

■ 426009

■ 566043

■ 3F6000

■ 59604C

■ 5D6056

■ 606060

■ 636069

■ 666073

■ 6A607C

# Harmonies

## Analogous

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



69581E



4C6026



25653C

# Triad

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



4C6026



00638A



8C405A

# Complementary

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



4C6026



3A2660

# 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.



7C4675



4C6026



205C92

# Square

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



4C6026



006775



5B528A



8C443E

# Rectangle

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



4C6026



00674F



5B528A



894163



# Sweetspot

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



4C6026



757D66



603926



3B4032



BFBFBF



404040



# Same Dimension

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



4C6026



5D7D22



306026



2F302C



4A7000



9DF000



# Inverse Universe

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



3A2660



41227D



562660



2D2C30



270070



5300F0



# Previews

## White Background



This preview shows how the Hex color 4C6026 looks on a white background.

## Color Contrast Check

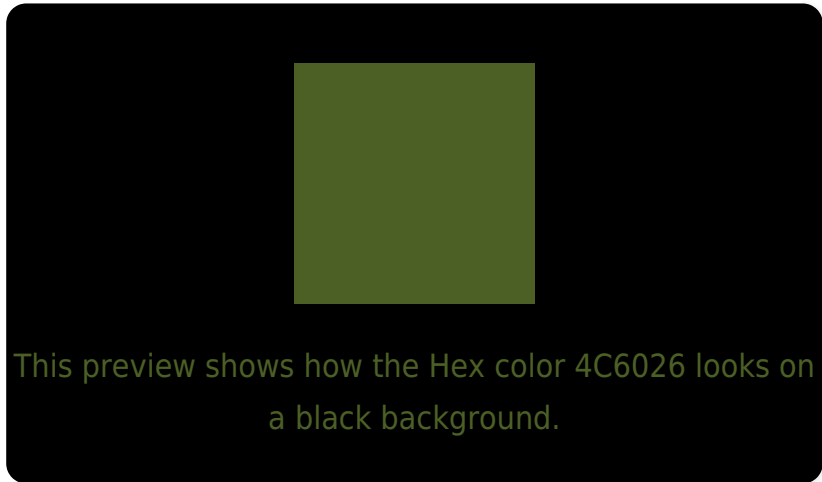
Large Text (above 18pt) WCAG AA ✓ Pass

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

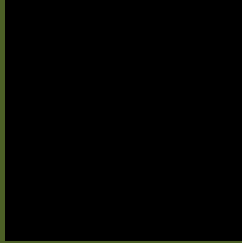
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

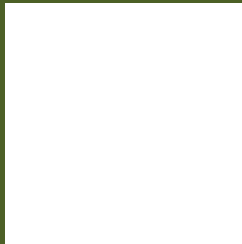
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C6026 Background



This preview shows how black text looks on a background with the Hex color 4C6026.



This preview shows how white text looks on a background with the Hex color 4C6026.

# 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**  
4C6026

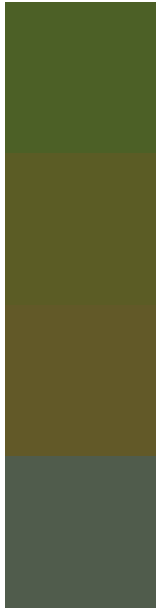
**Protanopia**  
635924

**Deuteranopia**  
6E5529



**Tritanopia**  
535A61

# Trichromacy



**Original Color**  
4C6026

**Protanomaly**  
5B5C25

**Deuteranomaly**  
625928

**Tritanomaly**  
505C4C

# Monochromacy



**Original Color**  
4C6026

**Achromatopsia**  
535353

**Achromatomaly**  
505843

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6026 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 #4C6026 looks like.

```
.text, #text, p{  
    color:#4C6026  
}
```

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 #4C6026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6026
}
```

## Border

The CSS property to change the border of an element to Hex 4C6026 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
#4C6026 }
```

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

```
.border{ border-color:#4C6026 }
```

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

Here you see how a box with a 4 pixel #4C6026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6026; -webkit-box-shadow:4px 4px  
4px 4px #4C6026; box-shadow:4px 4px 4px  
4px #4C6026 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6026 }
```

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

```
.background{ background-color:#4C6026 }
```

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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