

# Converting Colors

Hex(4C6704)

Have a look what the booklet for  
Hex(4C6704) contains.

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**Color**

**Hex(4C6704)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C6704
RGB	76, 103, 4
RGB Percent	30%, 40%, 2%
CMY	0.7020, 0.5961, 0.9843
CMYK	0.26, 0.00, 0.96, 0.60
HSL	76°, 93%, 21%
HSV	76°, 96%, 40%
XYZ	7.8527, 11.2458, 1.8716
YIQ	83.6410, 15.6870, -36.5130

# Conversions

## Conversions Part 2

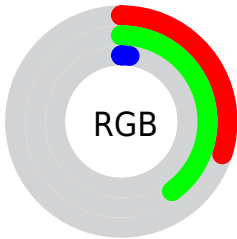
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 103, 31
Decimal	5007108
CIELab	39.99, -23.57, 44.92
CIELCh	40, 50.730, 117.689
Yxy	11.2458, 0.3745, 0.5363
Android (android.graphics.Color)	4283197188 (0xFF4C6704)
YUV	83.6410, -39.2630, -6.7012
Hunter-Lab	33.5347, -16.8873, 20.1652

# Details

The Hex color **4C6704** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1F0467**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **809A3D**, and **1A3800** is the 20% darker color. If you saturate the color by 10%, you get **4B6700**, and if you desaturate by 10%, it is **4F670E**.

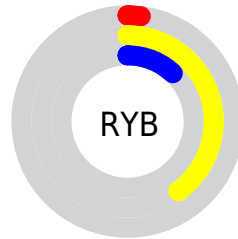
# Distribution



Red (30%)

Green (40%)

Blue (2%)



Red (2%)

Yellow (40%)

Blue (12%)

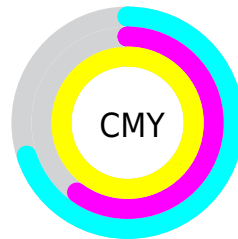


Cyan (26%)

Magenta (0%)

Yellow (96%)

Black (60%)



Cyan (70%)

Magenta (60%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C6704 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 4C6704 by changing the saturation by 10% instead.





4C6704



4C6704



FFFFFFA



334F00



809A3D



1A3800



9BB556



002300



B7D170



000000



D3ED8A



F0FFA5



FFFFC1



FFFFDD



4C6704



4C6704

■ 4B6700

■ 4F670E

■ 526719

■ 546723

■ 57672D

■ 5A6738

■ 5D6742

■ 60674C

■ 626756

■ 656761

# Harmonies

## Analogous

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



745B00



4C6704



006E2F

# Triad

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



4C6704



006DA4



A53363

# Complementary

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



4C6704



1F0467

# 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.



8D418B



4C6704



0064B1

# Square

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



4C6704



007184



5655A8



A6393A

# Rectangle

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



4C6704



00704B



5655A8



A03671



# Sweetspot

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



4C6704



7C8760



671E04



3E452D



C4C4C4



454545



# Same Dimension

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



4C6704



628700



1B6704



32332E



537300



B0F200



# Inverse Universe

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



1F0467



250087



500467



2F2E33



1F0073



4200F2



# Previews

## White Background



This preview shows how the Hex color 4C6704 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 4C6704 Background



This preview shows how black text looks on a background with the Hex color 4C6704.



This preview shows how white text looks on a background with the Hex color 4C6704.

# 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**  
4C6704

**Protanopia**  
6A5E00

**Deuteranopia**  
775913



**Tritanopia**  
556067

# Trichromacy



**Original Color**  
4C6704

**Protanomaly**  
5F6101

**Deuteranomaly**  
675E0E

**Tritanomaly**  
526343

# Monochromacy



**Original Color**  
4C6704

**Achromatopsia**  
545454

**Achromatomaly**  
515B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C6704 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 #4C6704 looks like.

```
.text, #text, p{  
    color:#4C6704  
}
```

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 #4C6704 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6704
}
```

## Border

The CSS property to change the border of an element to Hex 4C6704 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
#4C6704 }
```

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

```
.border{ border-color:#4C6704 }
```

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

Here you see how a box with a 4 pixel #4C6704 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6704; -webkit-box-shadow:4px 4px  
4px 4px #4C6704; box-shadow:4px 4px 4px  
4px #4C6704 }
```

# Background

The CSS property to change the background color of an element to Hex 4C6704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6704 }
```

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

```
.background{ background-color:#4C6704 }
```

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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