

# Converting Colors

Hex(4C7326)

Have a look what the booklet for  
Hex(4C7326) contains.

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**Color**

**Hex(4C7326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C7326
RGB	76, 115, 38
RGB Percent	30%, 45%, 15%
CMY	0.7020, 0.5490, 0.8510
CMYK	0.34, 0.00, 0.67, 0.55
HSL	90°, 50%, 30%
HSV	90°, 67%, 45%
XYZ	9.4611, 13.9379, 4.0254
YIQ	94.5610, 1.4730, -32.2150

# Conversions

## Conversions Part 2

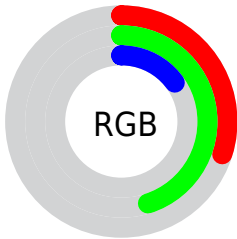
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 115, 77
Decimal	5010214
CIELab	44.14, -27.52, 37.07
CIELCh	44, 46.166, 126.586
Yxy	13.9379, 0.3450, 0.5082
Android (android.graphics.Color)	4283200294 (0xFF4C7326)
YUV	94.5610, -27.8846, -16.2780
Hunter-Lab	37.3335, -20.0981, 19.7407

# Details

The Hex color **4C7326** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4D2673**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **80A757**, and **1A4200** is the 20% darker color. If you saturate the color by 10%, you get **46731B**, and if you desaturate by 10%, it is **527331**.

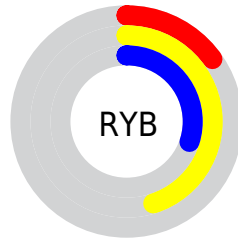
# Distribution



Red (30%)

Green (45%)

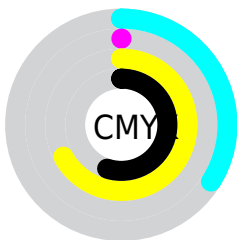
Blue (15%)



Red (15%)

Yellow (45%)

Blue (30%)

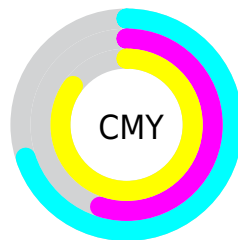


Cyan (34%)

Magenta (0%)

Yellow (67%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7326 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 4C7326 by changing the saturation by 10% instead.





4C7326



4C7326

FFFFFF



335A0C



80A757



1A4200



9BC370



002C00



B6DF8A



001700



D2FBA5



000000



EFFFC1



FFFFDD



FFFFFA



4C7326



4C7326

■ 46731B

■ 527331

■ 40730F

■ 58733D

■ 3B7303

■ 5D7349

■ 397300

■ 637354

■ 697360

■ 6F736B

■ 757377

■ 7B7382

■ 80738E

# Harmonies

## Analogous

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



746913



4C7326



007948

# Triad

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



4C7326



0074AE



AE4461

# Complementary

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



4C7326



4D2673

# 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.



9D4B88



4C7326



216AB5

# Square

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



4C7326



007A95



755BA6



A94C3D

# Rectangle

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



4C7326



007A63



755BA6



AB446E



# Sweetspot

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



4C7326



879678



734D26



434D3A



CCCCCC



4D4D4D



# Same Dimension

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



4C7326



59961E



267326



383B35



3C7A00



7BFA00



# Inverse Universe

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



4D2673



5B1E96



732673



38353B



3E007A



7F00FA



# Previews

## White Background



This preview shows how the Hex color 4C7326 looks on a white background.

## Color Contrast Check

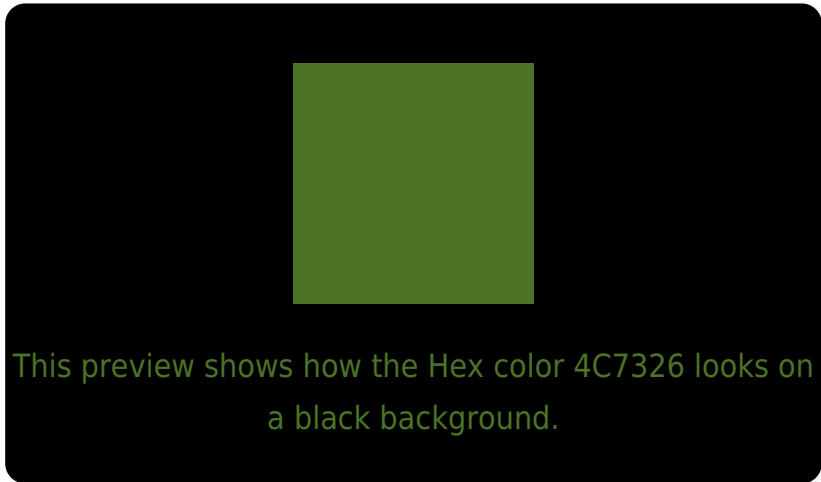
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C7326 Background



This preview shows how black text looks on a background with the Hex color 4C7326.



This preview shows how white text looks on a background with the Hex color 4C7326.

# 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**  
4C7326

**Protanopia**  
746823

**Deuteranopia**  
81632B



**Tritanopia**  
576C74

# Trichromacy



**Original Color**  
4C7326

**Protanomaly**  
656C24

**Deuteranomaly**  
6E6929

**Tritanomaly**  
536F58

# Monochromacy



**Original Color**  
4C7326

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
58664A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7326 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 #4C7326 looks like.

```
.text, #text, p{  
    color:#4C7326  
}
```

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 #4C7326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7326
}
```

## Border

The CSS property to change the border of an element to Hex 4C7326 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
#4C7326 }
```

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

```
.border{ border-color:#4C7326 }
```

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

Here you see how a box with a 4 pixel #4C7326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7326; -webkit-box-shadow:4px 4px  
4px 4px #4C7326; box-shadow:4px 4px 4px  
4px #4C7326 }
```

# Background

The CSS property to change the background color of an element to Hex 4C7326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7326 }
```

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

```
.background{ background-color:#4C7326 }
```

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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