

Converting Colors

Hex(4C9A46)

Have a look what the booklet for
Hex(4C9A46) contains.

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Color

Hex(4C9A46)

Conversions

Conversions Part 1

Format	Color
Hex	4C9A46
RGB	76, 154, 70
RGB Percent	30%, 60%, 27%
CMY	0.7020, 0.3961, 0.7255
CMYK	0.51, 0.00, 0.55, 0.40
HSL	116°, 37%, 44%
HSV	116°, 55%, 60%
XYZ	15.6416, 25.0899, 9.8128
YIQ	121.1020, -19.5240, -42.6600

Conversions

Conversions Part 2

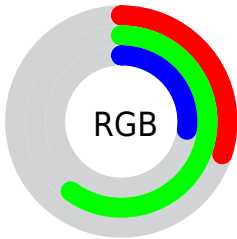
Format	Color
RYB	70, 154, 148
Decimal	5020230
CIELab	57.16, -41.36, 36.47
CIElCh	57, 55.143, 138.590
Yxy	25.0899, 0.3095, 0.4964
Android (android.graphics.Color)	4283210310 (0xFF4C9A46)
YUV	121.1020, -25.1933, -39.5545
Hunter-Lab	50.0898, -31.9169, 23.4477

Details

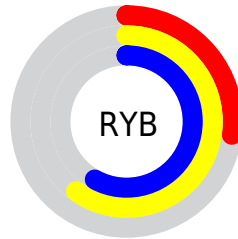
The Hex color **4C9A46** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **94469A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **83D178**, and **0C6615** is the 20% darker color. If you saturate the color by 10%, you get **3E9A37**, and if you desaturate by 10%, it is **5A9A55**.

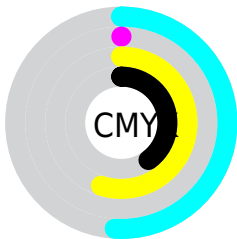
Distribution



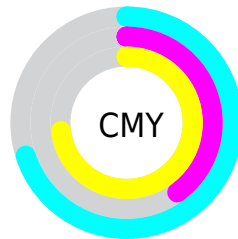
- Red (30%)
- Green (60%)
- Blue (27%)



- Red (27%)
- Yellow (60%)
- Blue (58%)



- Cyan (51%)
- Magenta (0%)
- Yellow (55%)
- Black (40%)



- Cyan (70%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9A46 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 4C9A46 by changing the saturation by 10% instead.



4C9A46



4C9A46

FFFFFF



30802E



83D178



0C6615



9EEE93



004D00



BBFFAE



003500



D7FFCA



002100



F5FFE6



000000



4C9A46



4C9A46



3E9A37



5A9A55



2F9A27



699A65

■ 219A18

■ 779A74

■ 139A08

■ 859A84

■ 0B9A00

■ 949A93

■ A29AA2

■ B09AB2

■ BE9AC1

■ CD9AD1

Harmonies

Analogous

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



869024



4C9A46



009F75

Triad

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



4C9A46



0094E7



E15E6D

Complementary

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



4C9A46



94469A

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.



D75F9E



4C9A46



6884E5

Square

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



4C9A46



009DD0



B170C9



D26D42

Rectangle

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



4C9A46



00A096



B170C9



E15C7D

Sweetspot

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



4C9A46



ACC9A9



9A9346



546653



E6E6E6



666666

Same Dimension

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



4C9A46



50C947



469A69



454D45



0A8C00



010D00

Inverse Universe

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



94469A



C047C9



9A4677



4C454D



82008C



0C000D

Previews

White Background



This preview shows how the Hex color 4C9A46 looks on a white background.

Color Contrast Check

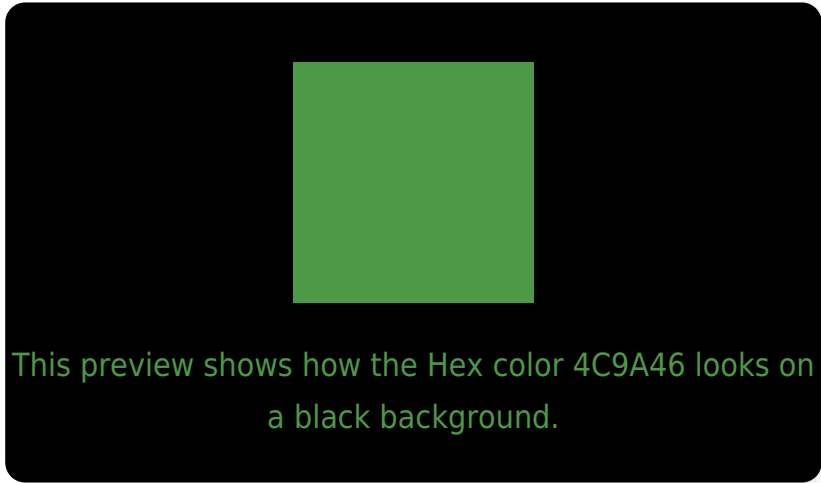
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 4C9A46 Background



This preview shows how black text looks on a background with the Hex color 4C9A46.

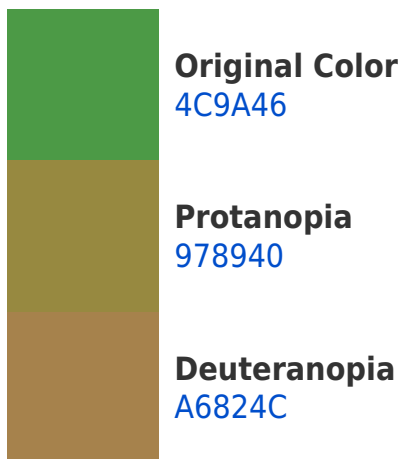



This preview shows how white text looks on a background with the Hex color 4C9A46.

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](#).

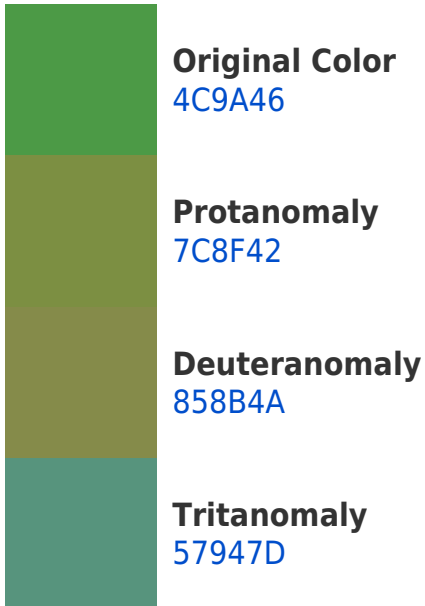
Dichromacy



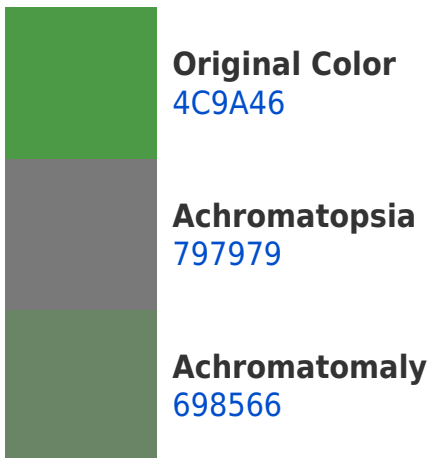


Tritanopia
5E919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9A46 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 #4C9A46 looks like.

```
.text, #text, p{  
    color:#4C9A46  
}
```

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 #4C9A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9A46
}
```

Border

The CSS property to change the border of an element to Hex 4C9A46 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
#4C9A46 }
```

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

```
.border{ border-color:#4C9A46 }
```

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

Here you see how a box with a 4 pixel #4C9A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9A46; -webkit-box-shadow:4px 4px  
4px 4px #4C9A46; box-shadow:4px 4px 4px  
4px #4C9A46 }
```

Background

The CSS property to change the background color of an element to Hex 4C9A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9A46 }
```

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

```
.background{ background-color:#4C9A46 }
```

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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