

Converting Colors

Hex(4C842F)

Have a look what the booklet for
Hex(4C842F) contains.

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Color

Hex(4C842F)

Conversions

Conversions Part 1

Format	Color
Hex	4C842F
RGB	76, 132, 47
RGB Percent	30%, 52%, 18%
CMY	0.7020, 0.4824, 0.8157
CMYK	0.42, 0.00, 0.64, 0.48
HSL	100°, 47%, 35%
HSV	100°, 64%, 52%
XYZ	11.7448, 18.2443, 5.5918
YIQ	105.5660, -6.0910, -38.3070

Conversions

Conversions Part 2

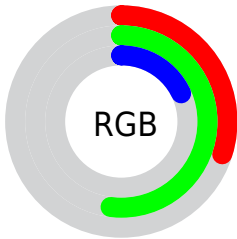
Format	Color
R_{YB}	47, 132, 103
Decimal	5014575
CIE _{Lab}	49.79, -34.54, 39.09
CIE _{LCh}	50, 52.165, 131.462
Yxy	18.2443, 0.3301, 0.5128
Android (android.graphics.Color)	4283204655 (0xFF4C842F)
YUV	105.5660, -28.8730, -25.9294
Hunter-Lab	42.7133, -25.6663, 22.1374

Details

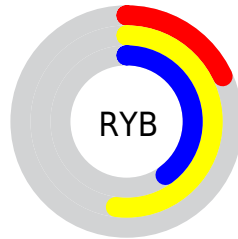
The Hex color **4C842F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **672F84**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **81BA61**, and **155200** is the 20% darker color. If you saturate the color by 10%, you get **438422**, and if you desaturate by 10%, it is **55843C**.

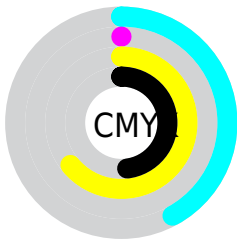
Distribution



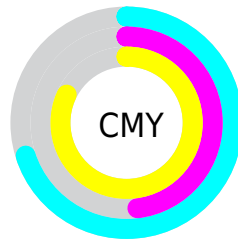
- Red (30%)
- Green (52%)
- Blue (18%)



- Red (18%)
- Yellow (52%)
- Blue (40%)



- Cyan (42%)
- Magenta (0%)
- Yellow (64%)
- Black (48%)



- Cyan (70%)
- Magenta (48%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C842F 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 4C842F by changing the saturation by 10% instead.



4C842F



4C842F

FFFFFF



326A16



81BA61



155200



9CD57A



003A00



B8F295



002500



D4FFB0



000000



F1FFCC



FFFFE8



4C842F



4C842F



438422



55843C

■ 3B8415

■ 5D8449

■ 328407

■ 668457

■ 2D8400

■ 6F8464

■ 778471

■ 80847E

■ 89848B

■ 928499

■ 9A84A6

Harmonies

Analogous

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



7D7A12



4C842F



008A59

Triad

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



4C842F



0083CA



C74C67

Complementary

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



4C842F



672F84

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.



B85194



4C842F



3A76CE

Square

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



4C842F



008AB0



8E63B9



BE583E

Rectangle

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



4C842F



008B77



8E63B9



C54C76

Sweetspot

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



4C842F



95AB8A



84662F



4A5743



D6D6D6



575757

Same Dimension

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



4C842F



54AB27



2F843C



3E423C



2C8200



010300

Inverse Universe

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



672F84



7E27AB



842F77



403C42



560082



020003

Previews

White Background



This preview shows how the Hex color 4C842F looks on a white background.

Color Contrast Check

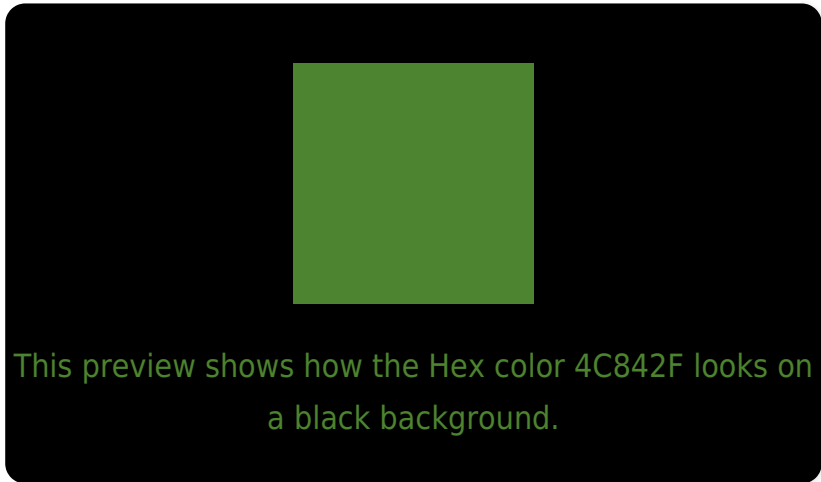
Large Text (above 18pt) WCAG AA ✓ Pass

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

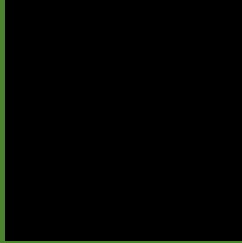
Any Text WCAG AA ✓ Pass

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 4C842F Background



This preview shows how black text looks on a background with the Hex color 4C842F.



This preview shows how white text looks on a background with the Hex color 4C842F.

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
4C842F

Protanopia
84762B

Deuteranopia
927035



Tritanopia
5A7C85

Trichromacy



Original Color
4C842F

Protanomaly
707B2C

Deuteranomaly
797733

Tritanomaly
557F66

Monochromacy



Original Color
4C842F

Achromatopsia
6A6A6A

Achromatomaly
5F7355

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C842F 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 #4C842F looks like.

```
.text, #text, p{  
    color:#4C842F  
}
```

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 #4C842F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C842F
}
```

Border

The CSS property to change the border of an element to Hex 4C842F 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
#4C842F }
```

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

```
.border{ border-color:#4C842F }
```

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

Here you see how a box with a 4 pixel #4C842F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C842F; -webkit-box-shadow:4px 4px  
4px 4px #4C842F; box-shadow:4px 4px 4px  
4px #4C842F }
```

Background

The CSS property to change the background color of an element to Hex 4C842F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C842F }
```

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

```
.background{ background-color:#4C842F }
```

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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