

Converting Colors

Hex(4C9942)

Have a look what the booklet for
Hex(4C9942) contains.

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Color

Hex(4C9942)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4C9942 |
| RGB | 76, 153, 66 |
| RGB Percent | 30%, 60%, 26% |
| CMY | 0.7020, 0.4000, 0.7412 |
| CMYK | 0.50, 0.00, 0.57, 0.40 |
| HSL | 113°, 40%, 43% |
| HSV | 113°, 57%, 60% |
| XYZ | 15.3551, 24.7123, 9.1149 |
| YIQ | 120.0590, -17.9650, -43.3810 |

Conversions

Conversions Part 2

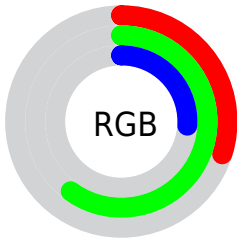
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 66, 153, 143 |
| Decimal | 5019970 |
| CIE _{Lab} | 56.79, -41.45, 38.02 |
| CIE _{LCh} | 57, 56.244, 137.474 |
| Yxy | 24.7123, 0.3122, 0.5025 |
| Android (android.graphics.Color) | 4283210050 (0xFF4C9942) |
| YUV | 120.0590, -26.6511, -38.6397 |
| Hunter-Lab | 49.7115, -31.8593, 23.9268 |

Details

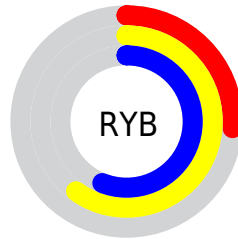
The Hex color **4C9942** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F4299**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **83D074**, and **0C650F** is the 20% darker color. If you saturate the color by 10%, you get **3E9933**, and if you desaturate by 10%, it is **5A9951**.

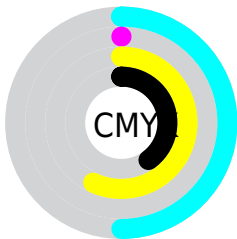
Distribution



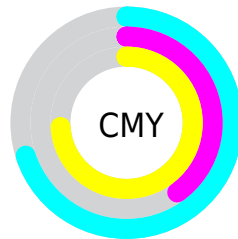
- Red (30%)
- Green (60%)
- Blue (26%)



- Red (26%)
- Yellow (60%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (57%)
- Black (40%)



- Cyan (70%)
- Magenta (40%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9942 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 4C9942 by changing the saturation by 10% instead.



4C9942



4C9942

FFFFFF



307F29



83D074



0C650F



9EED8F



004C00



BBFFAA



003500



D7FFC5



002000



F5FFE2



000000



4C9942



4C9942



3E9933



5A9951



319923



679961

 239914

 759970

 169905

 82997F

 129900

 90998F

 9D999E

 AB99AD

 B899BC

 C699CC

Harmonies

Analogous

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



868F1F



4C9942



009E71

Triad

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



4C9942



0094E8



E15B6E

Complementary

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



4C9942



8F4299

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.



D75D9F



4C9942



6184E6

Square

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



4C9942



009DD0



AF6FCB



D3B41

Rectangle

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



4C9942



00A094



AF6FCB



E15A7E

Sweetspot

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



4C9942



A9C7A5



998F42



526350



E3E3E3



636363

Same Dimension

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



4C9942



4FC740



429963



464D45



108C00



010D00

Inverse Universe

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



8F4299



B740C7



994278



4C454D



7C008C



0B000D

Previews

White Background



This preview shows how the Hex color 4C9942 looks on a white background.

Color Contrast Check

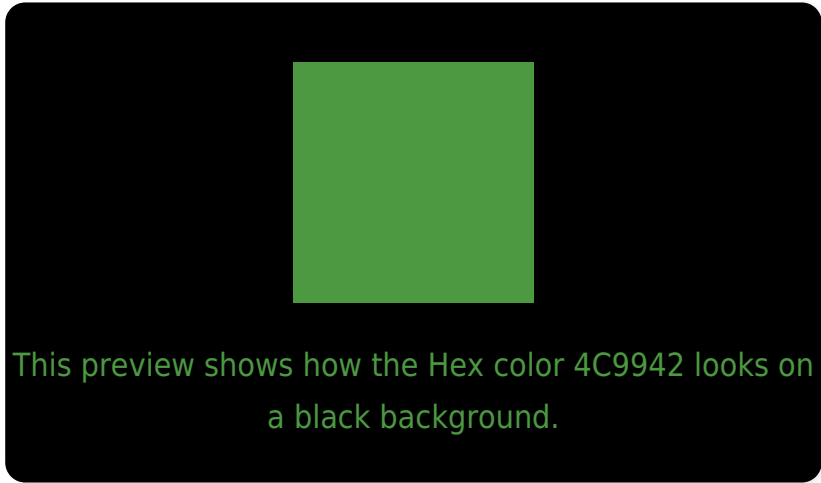
Large Text (above 18pt) WCAG AA ✓ Pass

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

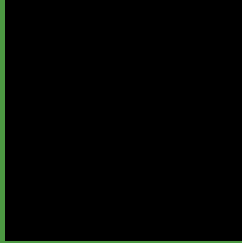
Any Text WCAG AA ✓ Pass

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 4C9942 Background



This preview shows how black text looks on a background with the Hex color 4C9942.



This preview shows how white text looks on a background with the Hex color 4C9942.

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
5E909B

Trichromacy



Original Color
4C9942



Protanomaly
7B8E3F



Deuteranomaly
858A46



Tritanomaly
57937B

Monochromacy



Original Color
4C9942



Achromatopsia
787878



Achromatomaly
688464

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9942 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 #4C9942 looks like.

```
.text, #text, p{  
    color:#4C9942  
}
```

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 #4C9942 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9942
}
```

Border

The CSS property to change the border of an element to Hex 4C9942 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
#4C9942 }
```

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

```
.border{ border-color:#4C9942 }
```

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

Here you see how a box with a 4 pixel #4C9942 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9942; -webkit-box-shadow:4px 4px  
4px 4px #4C9942; box-shadow:4px 4px 4px  
4px #4C9942 }
```

Background

The CSS property to change the background color of an element to Hex 4C9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9942 }
```

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

```
.background{ background-color:#4C9942 }
```

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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