

Converting Colors

Hex(4C6947)

Have a look what the booklet for
Hex(4C6947) contains.

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Color

Hex(4C6947)

Conversions

Conversions Part 1

Format	Color
Hex	4C6947
RGB	76, 105, 71
RGB Percent	30%, 41%, 28%
CMY	0.7020, 0.5882, 0.7216
CMYK	0.28, 0.00, 0.32, 0.59
HSL	111°, 19%, 35%
HSV	111°, 32%, 41%
XYZ	9.1694, 12.0946, 7.8124
YIQ	92.4530, -6.3700, -16.7220

Conversions

Conversions Part 2

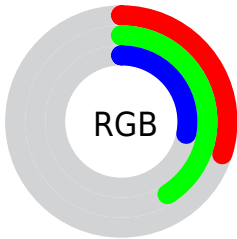
Format	Color
RYB	71, 105, 100
Decimal	5007687
CIELab	41.37, -17.95, 15.80
CIElCh	41, 23.913, 138.645
Yxy	12.0946, 0.3154, 0.4160
Android (android.graphics.Color)	4283197767 (0xFF4C6947)
YUV	92.4530, -10.5763, -14.4293
Hunter-Lab	34.7773, -13.7968, 11.0250

Details

The Hex color **4C6947** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **644769**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7E9C78**, and **1E3A1B** is the 20% darker color. If you saturate the color by 10%, you get **43693C**, and if you desaturate by 10%, it is **556952**.

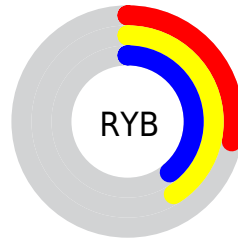
Distribution



Red (30%)

Green (41%)

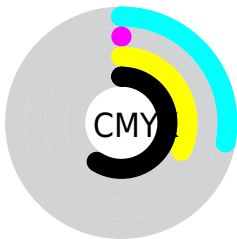
Blue (28%)



Red (28%)

Yellow (41%)

Blue (39%)

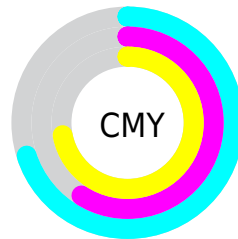


Cyan (28%)

Magenta (0%)

Yellow (32%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6947 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 4C6947 by changing the saturation by 10% instead.



4C6947



4C6947

FFFFFF



355130



7E9C78



1E3A1B



98B791



0A2402



B3D3AC



000900



CFEFC7



000000



EBFFE3



4C6947



4C6947



43693C



556952



3A6932



5E695C

■ 316927

■ 676966

■ 28691D

■ 706971

■ 1F6913

■ 79697C

■ 166908

■ 826986

■ 0F6900

■ 8B6991

■ 94699B

■ 9D69A6

Harmonies

Analogous

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



62643C



4C6947



336C59

Triad

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



4C6947



396688



885356

Complementary

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



4C6947



644769

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.



83536A



4C6947



595F87

Square

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



4C6947



1C6A7E



73587C



835745

Rectangle

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



4C6947



236C67



73587C



88525D

Sweetspot

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



4C6947



7E8A7C



696447



3E453D



C4C4C4



454545

Same Dimension

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



4C6947



5C8A54



476953



313630



117500



24F500

Inverse Universe

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



644769



82548A



69475D



353036



640075



D100F5

Previews

White Background



This preview shows how the Hex color 4C6947 looks on a white background.

Color Contrast Check

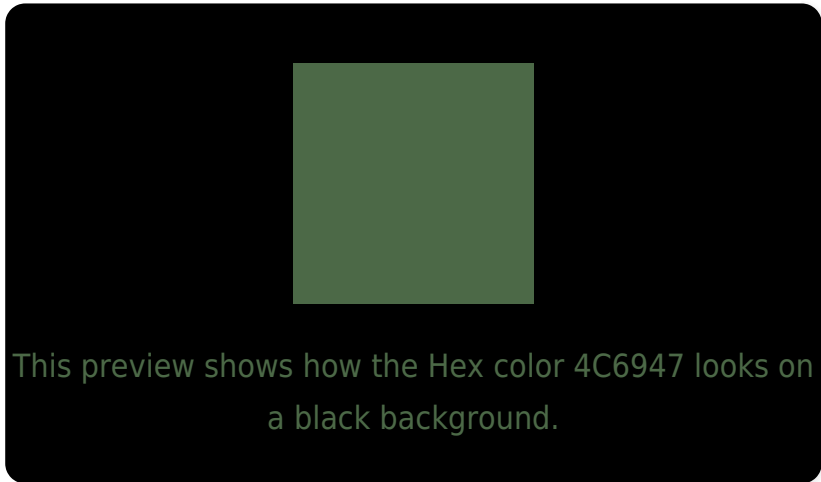
Large Text (above 18pt) WCAG AA ✓ Pass

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

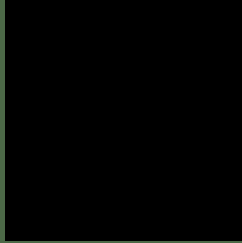
Any Text WCAG AA × Fail

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 4C6947 Background



This preview shows how black text looks on a background with the Hex color 4C6947.



This preview shows how white text looks on a background with the Hex color 4C6947.

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](#).

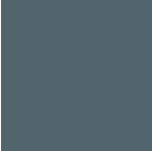
Dichromacy



Original Color
4C6947

Protanopia
696144

Deuteranopia
725D4A



Tritanopia
52646C

Trichromacy



Original Color
4C6947

Protanomaly
5E6445

Deuteranomaly
646149

Tritanomaly
50665F

Monochromacy



Original Color
4C6947

Achromatopsia
5C5C5C

Achromatomaly
566154

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6947 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 #4C6947 looks like.

```
.text, #text, p{  
    color:#4C6947  
}
```

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 #4C6947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6947
}
```

Border

The CSS property to change the border of an element to Hex 4C6947 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
#4C6947 }
```

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

```
.border{ border-color:#4C6947 }
```

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

Here you see how a box with a 4 pixel #4C6947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6947; -webkit-box-shadow:4px 4px  
4px 4px #4C6947; box-shadow:4px 4px 4px  
4px #4C6947 }
```

Background

The CSS property to change the background color of an element to Hex 4C6947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6947 }
```

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

```
.background{ background-color:#4C6947 }
```

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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