

Converting Colors

Hex(4C7247)

Have a look what the booklet for
Hex(4C7247) contains.

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Color

Hex(4C7247)

Conversions

Conversions Part 1

Format	Color
Hex	4C7247
RGB	76, 114, 71
RGB Percent	30%, 45%, 28%
CMY	0.7020, 0.5529, 0.7216
CMYK	0.33, 0.00, 0.38, 0.55
HSL	113°, 23%, 36%
HSV	113°, 38%, 45%
XYZ	10.1351, 14.0261, 8.1344
YIQ	97.7360, -8.8450, -21.4290

Conversions

Conversions Part 2

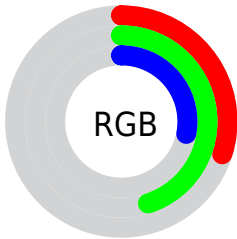
Format	Color
RYB	71, 114, 109
Decimal	5009991
CIELab	44.27, -22.68, 19.68
CIELCh	44, 30.032, 139.055
Yxy	14.0261, 0.3138, 0.4343
Android (android.graphics.Color)	4283200071 (0xFF4C7247)
YUV	97.7360, -13.1808, -19.0625
Hunter-Lab	37.4514, -17.2340, 13.3383

Details

The Hex color **4C7247** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6D4772**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7EA678**, and **1D421A** is the 20% darker color. If you saturate the color by 10%, you get **42723C**, and if you desaturate by 10%, it is **567252**.

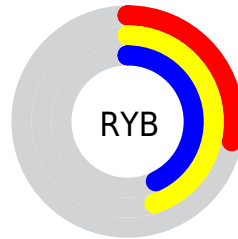
Distribution



Red (30%)

Green (45%)

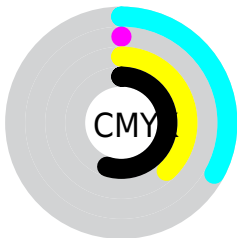
Blue (28%)



Red (28%)

Yellow (45%)

Blue (43%)

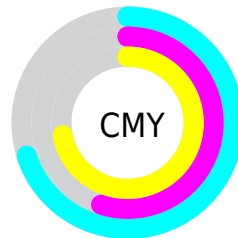


Cyan (33%)

Magenta (0%)

Yellow (38%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7247 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 4C7247 by changing the saturation by 10% instead.

 4C7247

 4C7247

FFFFFF

 345930

 7EA678

 1D421A

 99C192

 062B02

 B4DDAC

 001800

 D0FAC8

 000000

 ECFE4

 4C7247

 4C7247

 42723C

 567252

 387230

 60725E

■ 2E7225

■ 6A7269

■ 247219

■ 747275

■ 1A720E

■ 7E7280

■ 107203

■ 88728B

■ 0D7200

■ 937297

■ 9D72A2

■ A772AE

Harmonies

Analogous

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



696C38



4C7247



28755E

Triad

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



4C7247



2E6E99



99555A

Complementary

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



4C7247



6D4772

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.



935673



4C7247



5D6698

Square

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



4C7247



00738E



7F5C8A



925B44

Rectangle

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



4C7247



007670



7F5C8A



985562

Sweetspot

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



4C7247



869484



726D47



414A40



C9C9C9



4A4A4A

Same Dimension

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



4C7247



599451



477257



333832



0E7800



1DF700

Inverse Universe

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



6D4772



8C5194



724762



373238



6A0078



DB00F7

Previews

White Background



This preview shows how the Hex color 4C7247 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

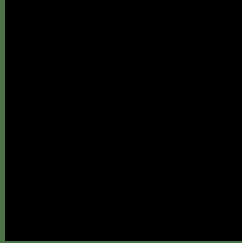
Any Text WCAG AA × Fail

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 4C7247 Background



This preview shows how black text looks on a background with the Hex color 4C7247.



This preview shows how white text looks on a background with the Hex color 4C7247.

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
4C7247

Protanopia
716843

Deuteranopia
7C644A



Tritanopia
546C75

Trichromacy



Original Color
4C7247

Protanomaly
646C44

Deuteranomaly
6B6949

Tritanomaly
516E64

Monochromacy



Original Color
4C7247

Achromatopsia
626262

Achromatomaly
5A6858

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7247 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 #4C7247 looks like.

```
.text, #text, p{  
    color:#4C7247  
}
```

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 #4C7247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7247
}
```

Border

The CSS property to change the border of an element to Hex 4C7247 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
#4C7247 }
```

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

```
.border{ border-color:#4C7247 }
```

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

Here you see how a box with a 4 pixel #4C7247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7247; -webkit-box-shadow:4px 4px  
4px 4px #4C7247; box-shadow:4px 4px 4px  
4px #4C7247 }
```

Background

The CSS property to change the background color of an element to Hex 4C7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7247 }
```

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

```
.background{ background-color:#4C7247 }
```

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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