

Converting Colors

Hex(4C4626)

Have a look what the booklet for
Hex(4C4626) contains.

Hex(4C4626)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C4626)

Conversions

Conversions Part 1

Format	Color
Hex	4C4626
RGB	76, 70, 38
RGB Percent	30%, 27%, 15%
CMY	0.7020, 0.7255, 0.8510
CMYK	0.00, 0.08, 0.50, 0.70
HSL	51°, 33%, 22%
HSV	51°, 50%, 30%
XYZ	5.5205, 6.0568, 2.7118
YIQ	68.1460, 13.8480, -8.6800

Conversions

Conversions Part 2

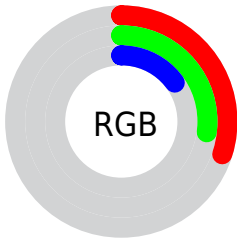
Format	Color
RYB	45, 76, 38
Decimal	4998694
CIELab	29.56, -2.72, 20.14
CIELCh	30, 20.320, 97.704
Yxy	6.0568, 0.3863, 0.4239
Android (android.graphics.Color)	4283188774 (0xFF4C4626)
YUV	68.1460, -14.8620, 6.8880
Hunter-Lab	24.6105, -3.0281, 10.6942

Details

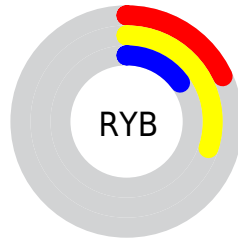
The Hex color **4C4626** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **262C4C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7E7654**, and **201B00** is the 20% darker color. If you saturate the color by 10%, you get **4C451E**, and if you desaturate by 10%, it is **4C472E**.

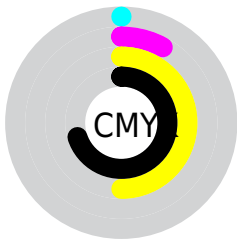
Distribution



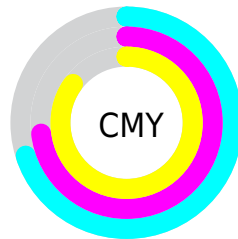
- Red (30%)
- Green (27%)
- Blue (15%)



- Red (18%)
- Yellow (30%)
- Blue (15%)



- Cyan (0%)
- Magenta (8%)
- Yellow (50%)
- Black (70%)



- Cyan (70%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4626 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 4C4626 by changing the saturation by 10% instead.



4C4626



4C4626

FFFFFF



353011



7E7654



201B00



98906C



000000



B3AA85



CFC5A0



EBE1BB



FFFED7



FFFFF3



4C4626



4C4626

■ 4C451E

■ 4C472E

■ 4C4417

■ 4C4835

■ 4C420F

■ 4C4A3D

■ 4C4108

■ 4C4B44

■ 4C4000

■ 4C4C4C

■ 4C4D54

■ 4C4E5B

■ 4C5063

■ 4C516A

Harmonies

Analogous

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



5A4129



4C4626



3B4A2C

Triad

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



4C4626



014D58



5D3B52

Complementary

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



4C4626



262C4C

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.



4D405F



4C4626



194A62

Square

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



4C4626



104E49



354665



643942

Rectangle

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



4C4626



2E4C34



354665



583C57

Sweetspot

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



4C4626



636155



4C262C



33322A



B3B3B3



333333

Same Dimension

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



4C4626



635A28



3F4C26



262622



665600



E6C100

Inverse Universe

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



262C4C



283163



33264C



222326



001066



0024E6

Previews

White Background



This preview shows how the Hex color 4C4626 looks on a white background.

Color Contrast Check

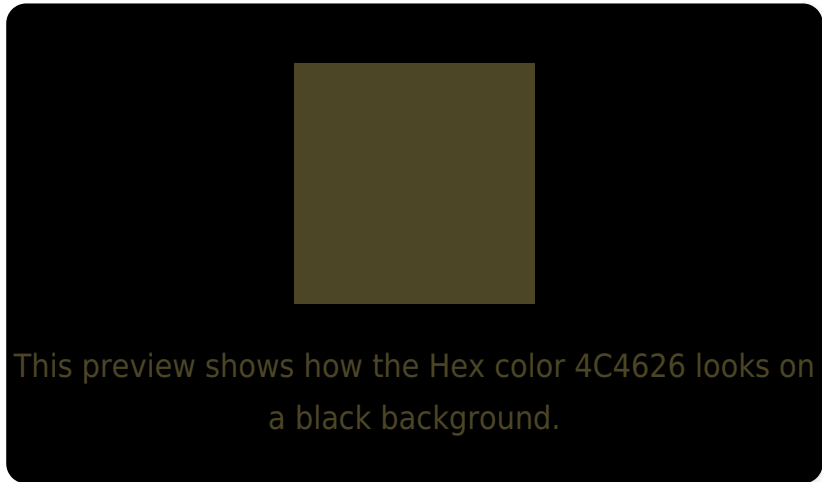
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

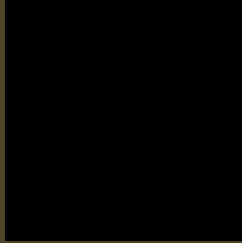
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

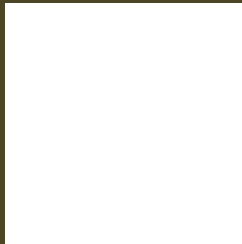
Any Text WCAG AAA × Fail

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

Hex 4C4626 Background



This preview shows how black text looks on a background with the Hex color 4C4626.



This preview shows how white text looks on a background with the Hex color 4C4626.

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

4C4626

Protanopia

4D4626

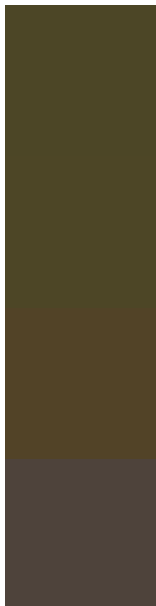
Deuteranopia

554227



Tritanopia
4F4247

Trichromacy



Original Color

4C4626

Protanomaly

4D4626

Deuteranomaly

524327

Tritanomaly

4E433B

Monochromacy



Original Color

4C4626

Achromatopsia

444444

Achromatomaly

474539

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4626 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 #4C4626 looks like.

```
.text, #text, p{  
    color:#4C4626  
}
```

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 #4C4626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4626
}
```

Border

The CSS property to change the border of an element to Hex 4C4626 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
#4C4626 }
```

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

```
.border{ border-color:#4C4626 }
```

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

Here you see how a box with a 4 pixel #4C4626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4626; -webkit-box-shadow:4px 4px  
4px 4px #4C4626; box-shadow:4px 4px 4px  
4px #4C4626 }
```

Background

The CSS property to change the background color of an element to Hex 4C4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4626 }
```

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

```
.background{ background-color:#4C4626 }
```

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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