

Converting Colors

Hex(4C5E1B)

Have a look what the booklet for
Hex(4C5E1B) contains.

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Color

Hex(4C5E1B)

Conversions

Conversions Part 1

Format	Color
Hex	4C5E1B
RGB	76, 94, 27
RGB Percent	30%, 37%, 11%
CMY	0.7020, 0.6314, 0.8941
CMYK	0.19, 0.00, 0.71, 0.63
HSL	76°, 55%, 24%
HSV	76°, 71%, 37%
XYZ	7.1810, 9.6210, 2.5155
YIQ	80.9800, 10.7790, -24.6530

Conversions

Conversions Part 2

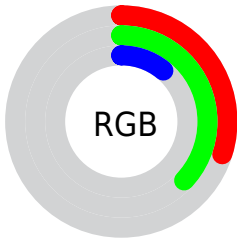
Format	Color
R_{YB}	27, 94, 45
Decimal	5004827
CIE Lab	37.15, -17.74, 34.68
CIE LCh	37, 38.954, 117.084
Yxy	9.6210, 0.3717, 0.4980
Android (android.graphics.Color)	4283194907 (0xFF4C5E1B)
YUV	80.9800, -26.6121, -4.3675
Hunter-Lab	31.0178, -12.9561, 16.9042

Details

The Hex color **4C5E1B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D1B5E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7F904B**, and **1D3000** is the 20% darker color. If you saturate the color by 10%, you get **495E12**, and if you desaturate by 10%, it is **4F5E24**.

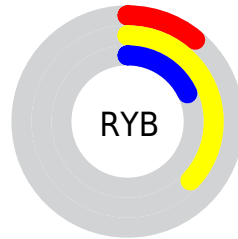
Distribution



Red (30%)

Green (37%)

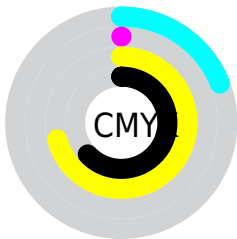
Blue (11%)



Red (11%)

Yellow (37%)

Blue (18%)

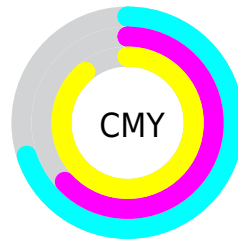


Cyan (19%)

Magenta (0%)

Yellow (71%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C5E1B 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 4C5E1B by changing the saturation by 10% instead.



4C5E1B



4C5E1B

FFFFFF



344602



7F904B



1D3000



9AAB64



001C00



B5C67D



000000



D1E297



EEFFB3



FFFCE



FFFEB



4C5E1B



4C5E1B

■ 495E12

■ 4F5E24

■ 475E08

■ 515E2E

■ 455E00

■ 545E37

■ 565E41

■ 595E4A

■ 5B5E53

■ 5E5E5D

■ 605E66

■ 635E70

Harmonies

Analogous

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



6B5513



4C5E1B



216434

Triad

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



4C5E1B



00638C



8E3B5C

Complementary

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



4C5E1B



2D1B5E

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.



7B437A



4C5E1B



005C96

Square

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



4C5E1B



006673



53508F



903E3D

Rectangle

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



4C5E1B



006648



53508F



8A3C66

Sweetspot

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



4C5E1B



737A61



5E2D1B



393D2E



BDBDBD



3D3D3D

Same Dimension

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



4C5E1B



5E7A11



2B5E1B



2D2E29



506E00



ADED00

Inverse Universe

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



2D1B5E



2D117A



4E1B5E



2B292E



1D006E



4000ED

Previews

White Background



This preview shows how the Hex color 4C5E1B looks on a white background.

Color Contrast Check

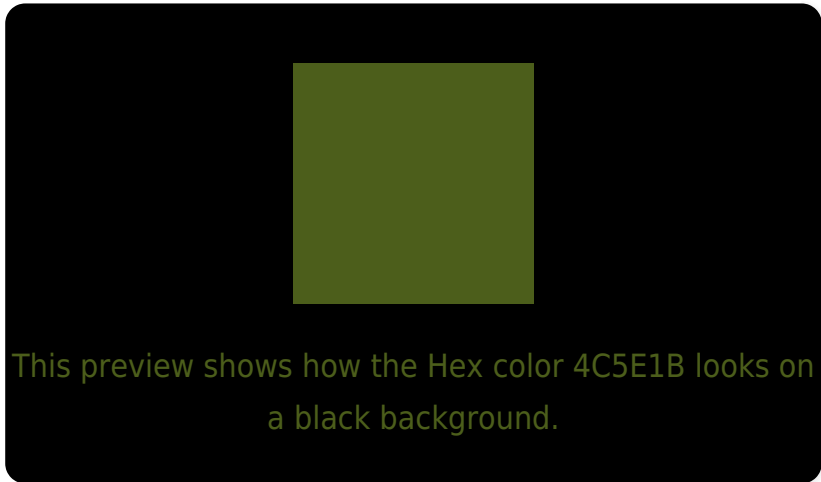
Large Text (above 18pt) WCAG AA ✓ Pass

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

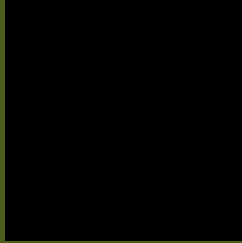
Any Text WCAG AA × Fail

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 4C5E1B Background



This preview shows how black text looks on a background with the Hex color 4C5E1B.



This preview shows how white text looks on a background with the Hex color 4C5E1B.

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
4C5E1B

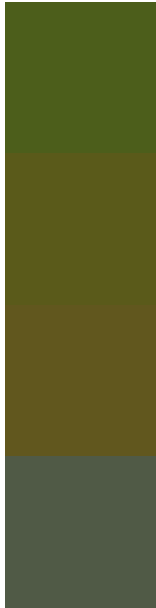
Protanopia
625719

Deuteranopia
6D531F



Tritanopia
53585F

Trichromacy



Original Color
4C5E1B

Protanomaly
5A5A1A

Deuteranomaly
61571E

Tritanomaly
505A46

Monochromacy



Original Color
4C5E1B

Achromatopsia
515151

Achromatomaly
4F563D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C5E1B 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 #4C5E1B looks like.

```
.text, #text, p{  
    color:#4C5E1B  
}
```

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 #4C5E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C5E1B
}
```

Border

The CSS property to change the border of an element to Hex 4C5E1B 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
#4C5E1B }
```

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

```
.border{ border-color:#4C5E1B }
```

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

Here you see how a box with a 4 pixel #4C5E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C5E1B; -webkit-box-shadow:4px 4px  
4px 4px #4C5E1B; box-shadow:4px 4px 4px  
4px #4C5E1B }
```

Background

The CSS property to change the background color of an element to Hex 4C5E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C5E1B }
```

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

```
.background{ background-color:#4C5E1B }
```

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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