

# Converting Colors

Hex(4C280F)

Have a look what the booklet for  
Hex(4C280F) contains.

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# Color

Hex(4C280F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C280F
RGB	76, 40, 15
RGB Percent	30%, 16%, 6%
CMY	0.7020, 0.8431, 0.9412
CMYK	0.00, 0.47, 0.80, 0.70
HSL	25°, 67%, 18%
HSV	25°, 80%, 30%
XYZ	3.8255, 3.0886, 0.8465
YIQ	47.9140, 29.4810, -0.1430

# Conversions

## Conversions Part 2

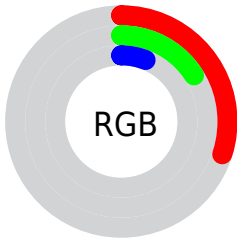
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 57, 15
Decimal	4990991
CIELab	20.40, 14.48, 23.06
CIElCh	20, 27.224, 57.879
Yxy	3.0886, 0.4929, 0.3980
Android (android.graphics.Color)	4283181071 (0xFF4C280F)
YUV	47.9140, -16.2266, 24.6314
Hunter-Lab	17.5743, 8.1000, 9.4463

# Details

The Hex color **4C280F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **0F334C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **80563A**, and **1D0000** is the 20% darker color. If you saturate the color by 10%, you get **4C2407**, and if you desaturate by 10%, it is **4C2C17**.

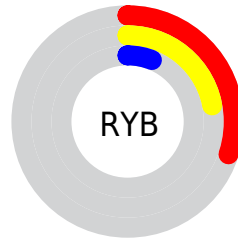
# Distribution



Red (30%)

Green (16%)

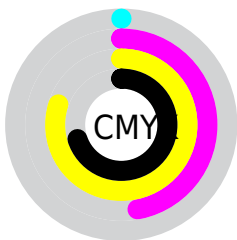
Blue (6%)



Red (30%)

Yellow (22%)

Blue (6%)

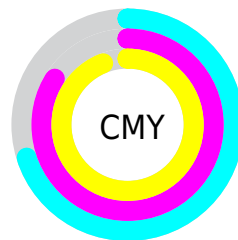


Cyan (0%)

Magenta (47%)

Yellow (80%)

Black (70%)



Cyan (70%)

Magenta (84%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C280F 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 4C280F by changing the saturation by 10% instead.





4C280F



4C280F



FFFFFF0



341300



80563A



1D0000



9B6E51



000000



B7876A



D4A283



F1BD9D



FFD9B8



FFF5D4



4C280F



4C280F

■ 4C2407

■ 4C2C17

■ 4C1F00

■ 4C311E

■ 4C3526

■ 4C3A2D

■ 4C3E35

■ 4C433D

■ 4C4744

■ 4C4C4C

■ 4C5053

# Harmonies

## Analogous

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



552120



4C280F



3D3004

# Triad

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



4C280F



003B2F



2F2C55

# Complementary

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



4C280F



0F334C

# 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.



003459



4C280F



003B43

# Square

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



4C280F



0D391B



003953



482447

# Rectangle

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



4C280F



303406



003953



222F57



# Sweetspot

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



4C280F



63554C



4C0F34



332A24



B3B3B3



333333



# Same Dimension

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



4C280F



632B04



4C460F



262422



662A00



E65E00



# Inverse Universe

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



0F334C



043C63



0F154C



222526



003C66

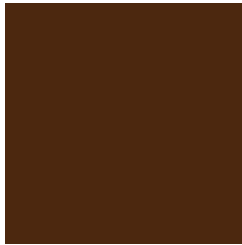


0087E6



# Previews

## White Background



This preview shows how the Hex color 4C280F looks on a white background.

## Color Contrast Check

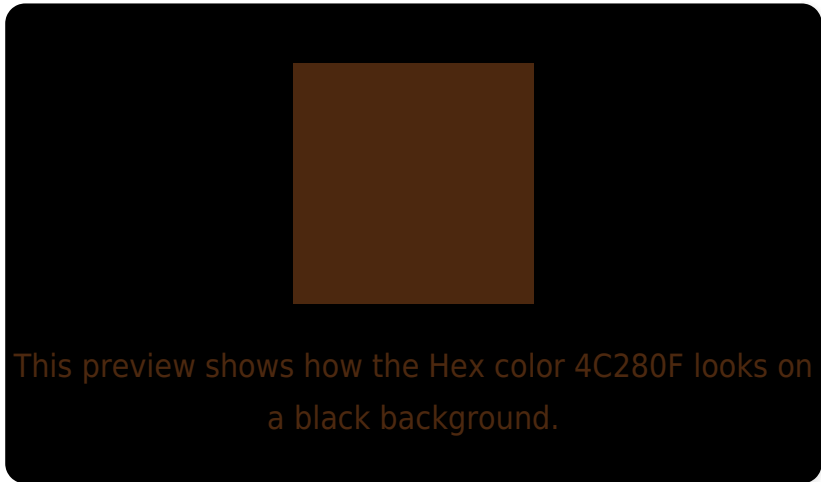
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C280F Background



This preview shows how black text looks on a background with the Hex color 4C280F.

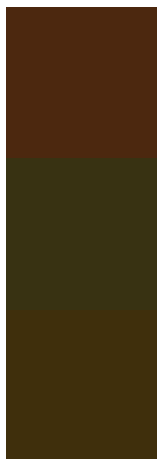


This preview shows how white text looks on a background with the Hex color 4C280F.

# 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**  
4C280F

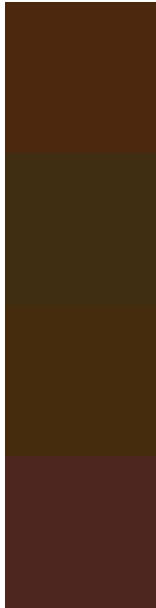
**Protanopia**  
383212

**Deuteranopia**  
3F2F0C



**Tritanopia**  
4D2528

# Trichromacy



**Original Color**  
4C280F

**Protanomaly**  
3F2E11

**Deuteranomaly**  
442C0D

**Tritanomaly**  
4D261F

# Monochromacy



**Original Color**  
4C280F

**Achromatopsia**  
303030

**Achromatomaly**  
3A2D24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C280F 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 #4C280F looks like.

```
.text, #text, p{  
    color:#4C280F  
}
```

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 #4C280F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C280F  
}
```

## Border

The CSS property to change the border of an element to Hex 4C280F is called "border". The border property can be set on classes, ids or directly on the HTML element.

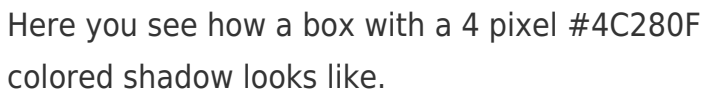
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4C280F }
```

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

```
.border{ border-color:#4C280F }
```

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



Here you see how a box with a 4 pixel #4C280F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C280F; -webkit-box-shadow:4px 4px  
4px 4px #4C280F; box-shadow:4px 4px 4px  
4px #4C280F }
```

# Background

The CSS property to change the background color of an element to Hex 4C280F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C280F }
```

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

```
.background{ background-color:#4C280F }
```

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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