

Converting Colors

Hex(4C280D)

Have a look what the booklet for
Hex(4C280D) contains.

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Color

Hex(4C280D)

Conversions

Conversions Part 1

Format	Color
Hex	4C280D
RGB	76, 40, 13
RGB Percent	30%, 16%, 5%
CMY	0.7020, 0.8431, 0.9490
CMYK	0.00, 0.47, 0.83, 0.70
HSL	26°, 71%, 17%
HSV	26°, 83%, 30%
XYZ	3.8119, 3.0831, 0.7750
YIQ	47.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

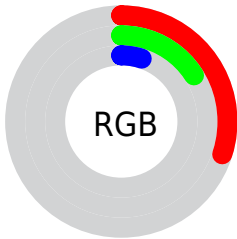
Format	Color
RYB	76, 60, 13
Decimal	4990989
CIELab	20.37, 14.36, 24.04
CIELCh	20, 28.007, 59.144
Yxy	3.0831, 0.4970, 0.4020
Android (android.graphics.Color)	4283181069 (0xFF4C280D)
YUV	47.6860, -17.1002, 24.8314
Hunter-Lab	17.5589, 8.0233, 9.6744

Details

The Hex color **4C280D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D314C**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **805538**, and **1D0000** is the 20% darker color. If you saturate the color by 10%, you get **4C2405**, and if you desaturate by 10%, it is **4C2C15**.

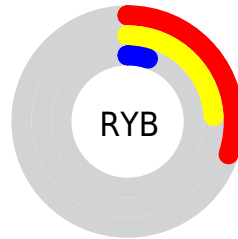
Distribution



Red (30%)

Green (16%)

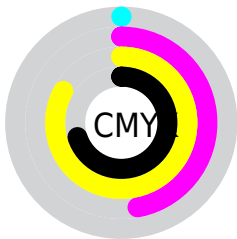
Blue (5%)



Red (30%)

Yellow (24%)

Blue (5%)

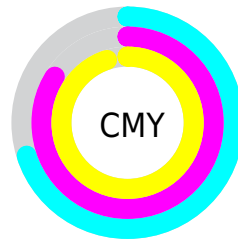


Cyan (0%)

Magenta (47%)

Yellow (83%)

Black (70%)



Cyan (70%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C280D 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 4C280D by changing the saturation by 10% instead.

 4C280D

 4C280D

 FFFFEE

 331300

 805538

 1D0000

 9C6E50

 000000

 B78768

 D4A281

 F1BD9B

 FFD9B6

 FFF5D2

 4C280D

 4C280D

■ 4C2405

■ 4C2C15

■ 4C2100

■ 4C311C

■ 4C3524

■ 4C392B

■ 4C3E33

■ 4C423B

■ 4C4642

■ 4C4B4A

■ 4C4F51

Harmonies

Analogous

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



55201E



4C280D



3C3002

Triad

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



4C280D



003B30



302C55

Complementary

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



4C280D



0D314C

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.



00345A



4C280D



003B45

Square

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



4C280D



08391B



003954



492346

Rectangle

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



4C280D



2F3405



003954



232F58

Sweetspot

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



4C280D



63554B



4C0D32



332A24



B3B3B3



333333

Same Dimension

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



4C280D



632B01



4C470D



262422



662C00



E66200

Inverse Universe

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



0D314C



013963



0D124C



222526



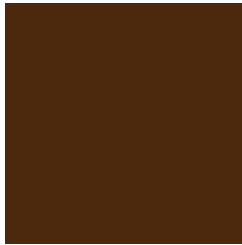
003A66



0083E6

Previews

White Background



This preview shows how the Hex color 4C280D looks on a white background.

Color Contrast Check

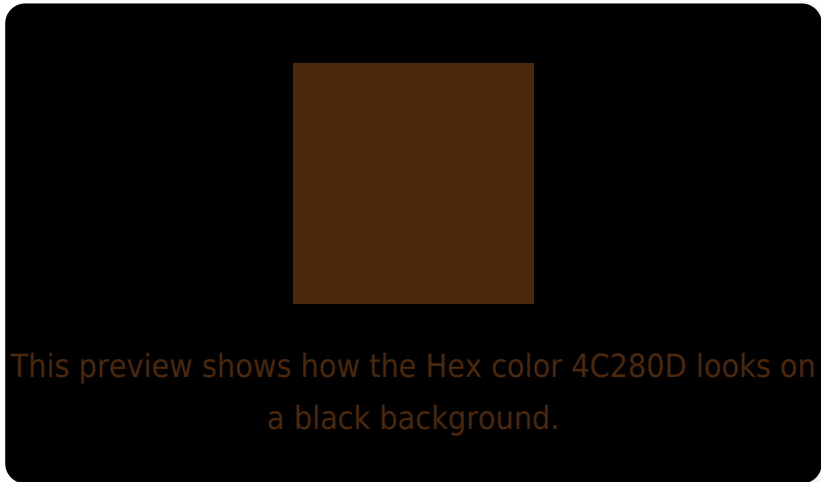
Large Text (above 18pt) WCAG AA ✓ Pass

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

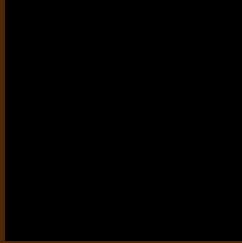
Any Text WCAG AA × Fail

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 4C280D Background



This preview shows how black text looks on a background with the Hex color 4C280D.



This preview shows how white text looks on a background with the Hex color 4C280D.

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
4C280D

Protanopia
383210

Deuteranopia
3F2F0A



Tritanopia
4D2528

Trichromacy



Original Color
4C280D

Protanomaly
3F2E0F

Deuteranomaly
442C0B

Tritanomaly
4D261E

Monochromacy



Original Color
4C280D

Achromatopsia
303030

Achromatomaly
3A2D23

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C280D 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 #4C280D looks like.

```
.text, #text, p{  
    color:#4C280D  
}
```

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 #4C280D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C280D
}
```

Border

The CSS property to change the border of an element to Hex 4C280D 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
#4C280D }
```

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

```
.border{ border-color:#4C280D }
```

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

Here you see how a box with a 4 pixel #4C280D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C280D; -webkit-box-shadow:4px 4px  
4px 4px #4C280D; box-shadow:4px 4px 4px  
4px #4C280D }
```

Background

The CSS property to change the background color of an element to Hex 4C280D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C280D }
```

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

```
.background{ background-color:#4C280D }
```

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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