

Converting Colors

Hex(C48228)

Have a look what the booklet for
Hex(C48228) contains.

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Color

Hex(C48228)

Conversions

Conversions Part 1

Format	Color
Hex	C48228
RGB	196, 130, 40
RGB Percent	77%, 51%, 16%
CMY	0.2314, 0.4902, 0.8431
CMYK	0.00, 0.34, 0.80, 0.23
HSL	35°, 66%, 46%
HSV	35°, 80%, 77%
XYZ	31.1306, 27.8542, 5.7431
YIQ	139.4740, 68.2260, -13.9980

Conversions

Conversions Part 2

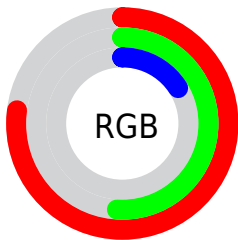
Format	Color
RYB	154, 196, 40
Decimal	12878376
CIELab	59.76, 18.12, 55.61
CIElCh	60, 58.487, 71.954
Yxy	27.8542, 0.4809, 0.4303
Android (android.graphics.Color)	4291068456 (0xFFC48228)
YUV	139.4740, -49.0407, 49.5733
Hunter-Lab	52.7771, 12.9283, 30.4921

Details

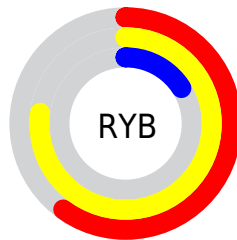
The Hex color **C48228** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **286AC4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB75C**, and **895100** is the 20% darker color. If you saturate the color by 10%, you get **C47A14**, and if you desaturate by 10%, it is **C48A3C**.

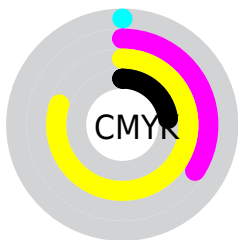
Distribution



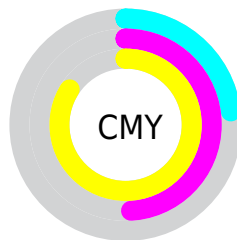
- Red (77%)
- Green (51%)
- Blue (16%)



- Red (60%)
- Yellow (77%)
- Blue (16%)



- Cyan (0%)
- Magenta (34%)
- Yellow (80%)
- Black (23%)



- Cyan (23%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color C48228 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 C48228 by changing the saturation by 10% instead.

 C48228

 C48228

FFFFFF

 A66907

 FFB75C

 895100

 FFD377

 6D3900

 FFEF91

 502400

 FFFFAD

 350F00

 FFFFC9

 1F0001

 FFFFE6

 000000

 C48228

 C48228

 C47A14

 C48A3C

 C47101

 C4934F

 C47100

 C49B63

 C4A376

 C4AB8A

 C4B49E

 C4BCB1

 C4C4C5

 C4CDD8

Harmonies

Analogous

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



E36D4D



C48228



97941E

Triad

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



C48228



00A9A4



AD79DD

Complementary

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



C48228



286AC4

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.



4F8FF5



C48228



00A6D4

Square

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



C48228



00A76E



009EF2



DD65B1

Rectangle

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



C48228



739D31



009EF2



9581E8

Sweetspot

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



C48228



FFE5C2



C4286C



80705B



000000



808080

Same Dimension

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



C48228



FF970A



BAC428



615D57



A15D00



211300

Inverse Universe

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



286AC4



0A72FF



3228C4



575B61



0044A1



000E21

Previews

White Background



This preview shows how the Hex color C48228 looks on a white 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

Black 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

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

Hex C48228 Background



This preview shows how black text looks on a background with the Hex color C48228.



This preview shows how white text looks on a background with the Hex color C48228.

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
C48228

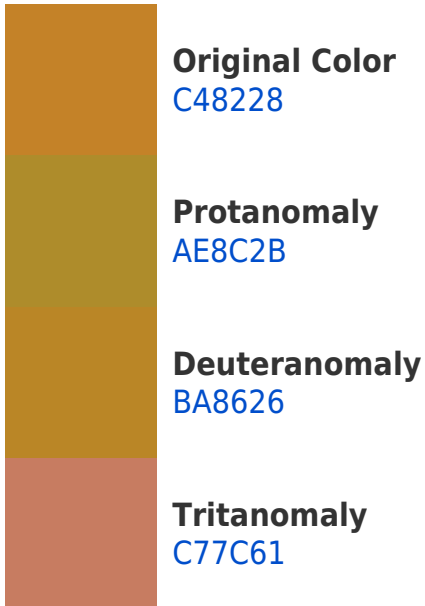
Protanopia
A2912C

Deuteranopia
B58925

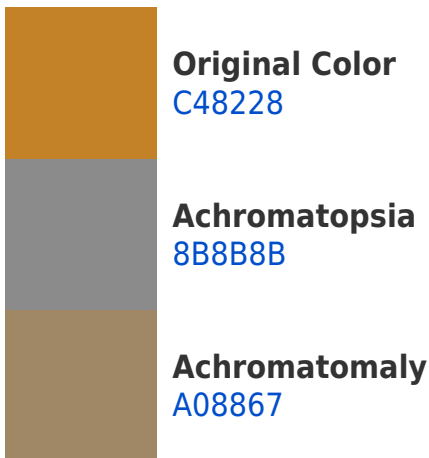


Tritanopia
C97982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C48228 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 #C48228 looks like.

```
.text, #text, p{  
    color:#C48228  
}
```

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 #C48228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C48228
}
```

Border

The CSS property to change the border of an element to Hex C48228 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
#C48228 }
```

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

```
.border{ border-color:#C48228 }
```

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

Here you see how a box with a 4 pixel #C48228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C48228; -webkit-box-shadow:4px 4px  
4px 4px #C48228; box-shadow:4px 4px 4px  
4px #C48228 }
```

Background

The CSS property to change the background color of an element to Hex C48228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C48228 }
```

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

```
.background{ background-color:#C48228 }
```

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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