

Converting Colors

Hex(C18F2F)

Have a look what the booklet for
Hex(C18F2F) contains.

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Color

Hex(C18F2F)

Conversions

Conversions Part 1

Format	Color
Hex	C18F2F
RGB	193, 143, 47
RGB Percent	76%, 56%, 18%
CMY	0.2431, 0.4392, 0.8157
CMYK	0.00, 0.26, 0.76, 0.24
HSL	39°, 61%, 47%
HSV	39°, 76%, 76%
XYZ	32.3279, 31.1876, 7.0053
YIQ	147.0060, 60.6160, -19.2560

Conversions

Conversions Part 2

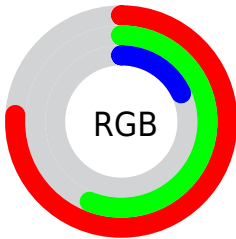
Format	Color
R _Y B	123, 193, 47
Decimal	12685103
CIE Lab	62.67, 9.94, 55.49
CIE LCh	63, 56.374, 79.841
Yxy	31.1876, 0.4584, 0.4422
Android (android.graphics.Color)	4290875183 (0xFFC18F2F)
YUV	147.0060, -49.3030, 40.3367
Hunter-Lab	55.8459, 5.5992, 31.6548

Details

The Hex color **C18F2F** 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 **2F61C1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FDC563**, and **875D00** is the 20% darker color. If you saturate the color by 10%, you get **C1881C**, and if you desaturate by 10%, it is **C19642**.

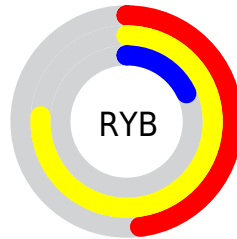
Distribution



Red (76%)

Green (56%)

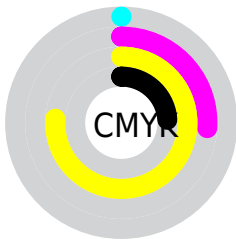
Blue (18%)



Red (48%)

Yellow (76%)

Blue (18%)

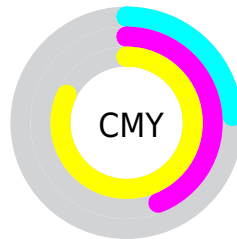


Cyan (0%)

Magenta (26%)

Yellow (76%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18F2F 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 C18F2F by changing the saturation by 10% instead.

 C18F2F

 C18F2F

FFFFFF

 A47611

 FDC563

 875D00

 FFE07E

 6B4600

 FFFD99

 4F2F00

 FFFFFB5

 351B00

 FFFFFD1

 1D0200

 FFFFEE

 000000

 C18F2F

 C18F2F

 C1881C

 C19642

 C18208

 C19C56

 C17F00

 C1A369

 C1A97C

 C1B090

 C1B7A3

 C1BDB6

 C1C4C9

 C1CADD

Harmonies

Analogous

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



E37B4C



C18F2F



929F32

Triad

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



C18F2F



00B0B8



C47CD9

Complementary

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



C18F2F



2F61C1

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.



7B91F6



C18F2F



00ACE3

Square

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



C18F2F



00AF84



00A2FA



EA6CAB

Rectangle

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



C18F2F



6DA746



00A2FA



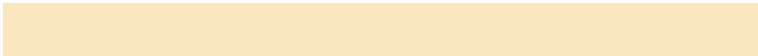
B083E5

Sweetspot

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



C18F2F



FAE6C0



C12F62



7D715A



FCFCFC



7D7D7D

Same Dimension

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



C18F2F



FAAC16



ABC12F



615E57



A16A00



211600

Inverse Universe

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



2F61C1



1664FA



452FC1



575B61



0037A1



000B21

Previews

White Background



This preview shows how the Hex color C18F2F looks on a white background.

Color Contrast Check

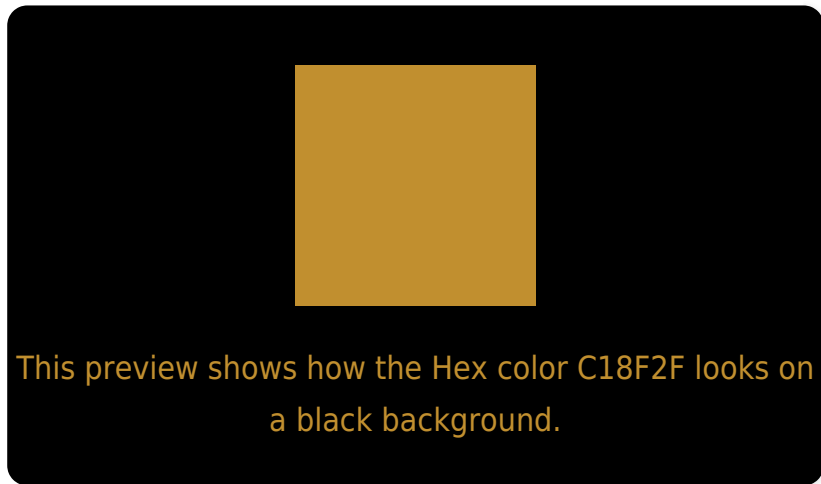
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex C18F2F Background



This preview shows how black text looks on a background with the Hex color C18F2F.



This preview shows how white text looks on a background with the Hex color C18F2F.

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
C18F2F

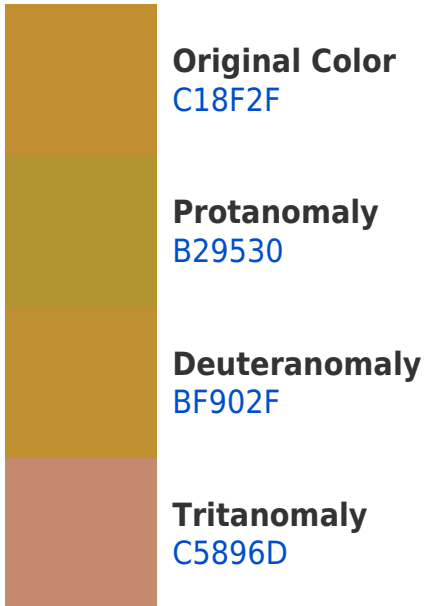
Protanopia
AA9831

Deuteranopia
BE902F

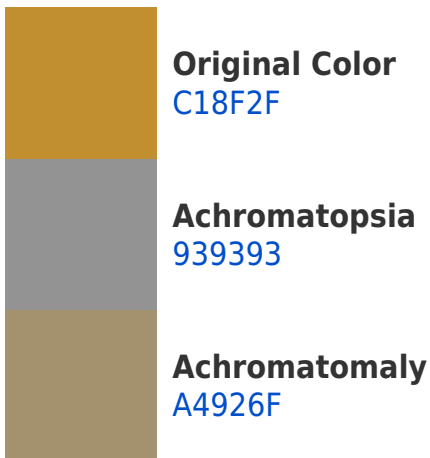


Tritanopia
C78690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18F2F 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 #C18F2F looks like.

```
.text, #text, p{  
    color:#C18F2F  
}
```

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 #C18F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18F2F
}
```

Border

The CSS property to change the border of an element to Hex C18F2F 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
#C18F2F }
```

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

```
.border{ border-color:#C18F2F }
```

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

Here you see how a box with a 4 pixel #C18F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18F2F; -webkit-box-shadow:4px 4px  
4px 4px #C18F2F; box-shadow:4px 4px 4px  
4px #C18F2F }
```

Background

The CSS property to change the background color of an element to Hex C18F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18F2F }
```

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

```
.background{ background-color:#C18F2F }
```

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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