

Converting Colors

Hex(C18941)

Have a look what the booklet for
Hex(C18941) contains.

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Color

Hex(C18941)

Conversions

Conversions Part 1

Format	Color
Hex	C18941
RGB	193, 137, 65
RGB Percent	76%, 54%, 25%
CMY	0.2431, 0.4627, 0.7451
CMYK	0.00, 0.29, 0.66, 0.24
HSL	34°, 51%, 51%
HSV	34°, 66%, 76%
XYZ	31.8921, 29.6104, 9.0355
YIQ	145.5360, 56.4880, -10.5200

Conversions

Conversions Part 2

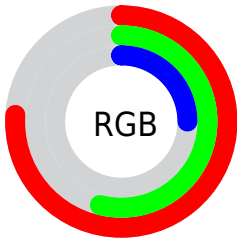
Format	Color
R_{YB}	165, 193, 65
Decimal	12683585
CIE _{Lab}	61.32, 14.18, 46.07
CIE _{LCh}	61, 48.203, 72.888
Yxy	29.6104, 0.4521, 0.4198
Android (android.graphics.Color)	4290873665 (0xFFC18941)
YUV	145.5360, -39.7042, 41.6259
Hunter-Lab	54.4155, 9.3892, 28.2459

Details

The Hex color **C18941** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4179C1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FDBE74**, and **87570D** is the 20% darker color. If you saturate the color by 10%, you get **C1812E**, and if you desaturate by 10%, it is **C19154**.

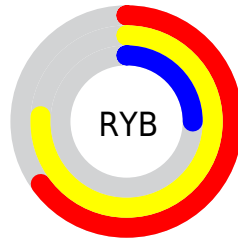
Distribution



Red (76%)

Green (54%)

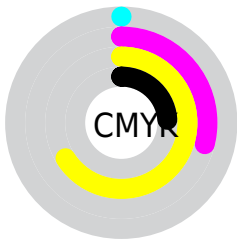
Blue (25%)



Red (65%)

Yellow (76%)

Blue (25%)

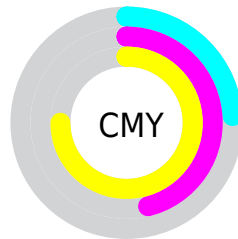


Cyan (0%)

Magenta (29%)

Yellow (66%)

Black (24%)



Cyan (24%)

Magenta (46%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18941 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 C18941 by changing the saturation by 10% instead.

 C18941

 C18941

FFFFFF

 A47028

 FDBE74

 87570D

 FFDA8E

 6C4000

 FFF7A9

 502A00

 FFFFFC5

 361500

 FFFFFE1

 1F0000

FFFFFFE

 000000

 C18941

 C18941

 C1812E

 C19154

 C1781A

 C19A68

 C17007

 C1A27B

 C16D00

 C1AB8E

 C1B3A1

 C1BCB5

 C1C4C8

 C1CDDB

 C1D5EF

Harmonies

Analogous

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



DB795C



C18941



9B983D

Triad

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



C18941



00AAA6



AF81D3

Complementary

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



C18941



4179C1

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.



6C92E7



C18941



00A7CD

Square

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



C18941



1FA879



009FE5



D673AE

Rectangle

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



C18941



7D9F49



009FE5



9C87DC

Sweetspot

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



C18941



FAE4C8



C1417B



7D705F



FCFCFC



7D7D7D

Same Dimension

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



C18941



FAA232



BBC141



615D57



A15A00



211300

Inverse Universe

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



4179C1



3289FA



4741C1



575B61



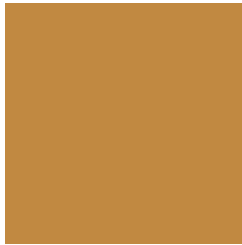
0046A1



000F21

Previews

White Background



This preview shows how the Hex color C18941 looks on a white background.

Color Contrast Check

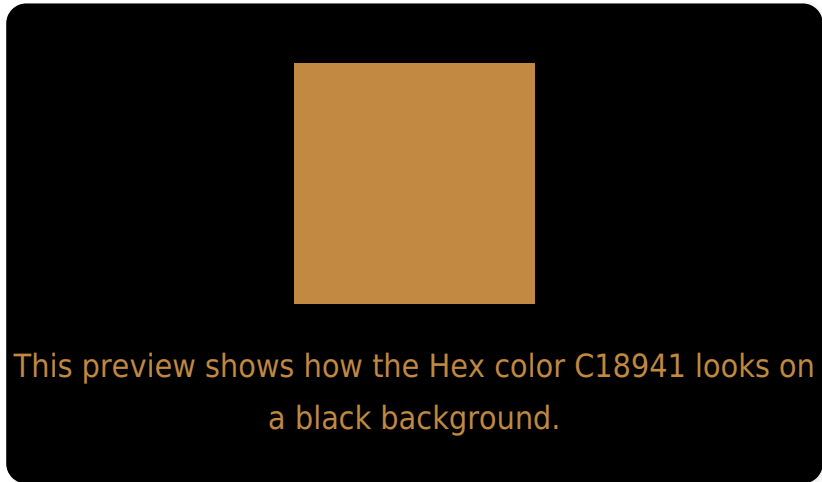
Large Text (above 18pt) WCAG AA ✓ Pass

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

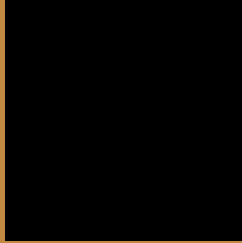
Any Text WCAG AA ✓ Pass

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 C18941 Background



This preview shows how black text looks on a background with the Hex color C18941.



This preview shows how white text looks on a background with the Hex color C18941.

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
C18941

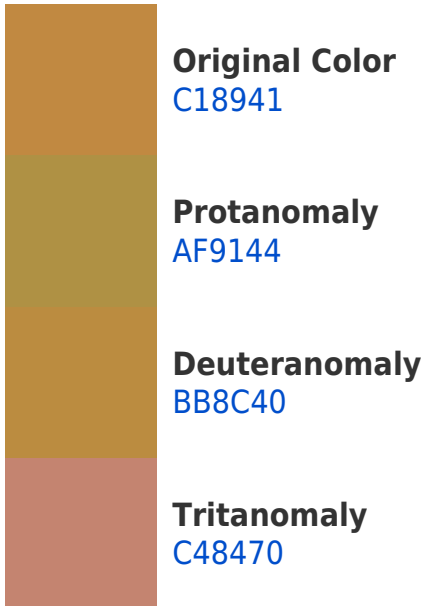
Protanopia
A59545

Deuteranopia
B88D40

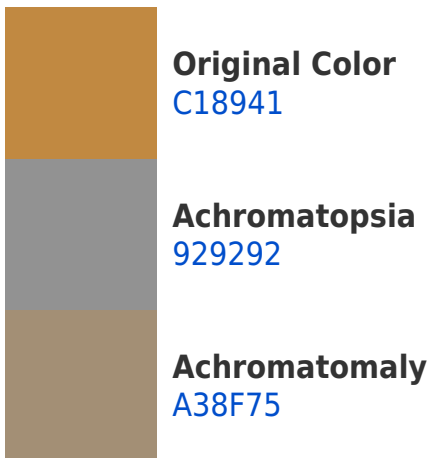


Tritanopia
C6818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18941 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 #C18941 looks like.

```
.text, #text, p{  
    color:#C18941  
}
```

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 #C18941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18941
}
```

Border

The CSS property to change the border of an element to Hex C18941 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
#C18941 }
```

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

```
.border{ border-color:#C18941 }
```

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

Here you see how a box with a 4 pixel #C18941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18941; -webkit-box-shadow:4px 4px  
4px 4px #C18941; box-shadow:4px 4px 4px  
4px #C18941 }
```

Background

The CSS property to change the background color of an element to Hex C18941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18941 }
```

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

```
.background{ background-color:#C18941 }
```

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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