

Converting Colors

Hex(C18427)

Have a look what the booklet for
Hex(C18427) contains.

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Color

Hex(C18427)

Conversions

Conversions Part 1

Format	Color
Hex	C18427
RGB	193, 132, 39
RGB Percent	76%, 52%, 15%
CMY	0.2431, 0.4824, 0.8471
CMYK	0.00, 0.32, 0.80, 0.24
HSL	36°, 66%, 45%
HSV	36°, 80%, 76%
XYZ	30.6098, 27.9865, 5.7081
YIQ	139.6370, 66.2090, -15.9910

Conversions

Conversions Part 2

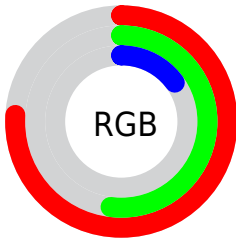
Format	Color
R_{YB}	140, 193, 39
Decimal	12682279
CIE _{Lab}	59.88, 15.67, 55.97
CIE _{LCh}	60, 58.121, 74.359
Yxy	27.9865, 0.4760, 0.4352
Android (android.graphics.Color)	4290872359 (0xFFC18427)
YUV	139.6370, -49.6140, 46.7994
Hunter-Lab	52.9022, 10.7031, 30.6343

Details

The Hex color **C18427** 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 **2764C1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FEB95C**, and **865300** is the 20% darker color. If you saturate the color by 10%, you get **C17C14**, and if you desaturate by 10%, it is **C18C3A**.

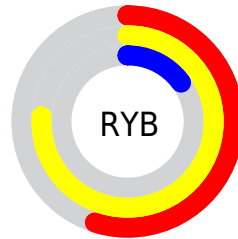
Distribution



Red (76%)

Green (52%)

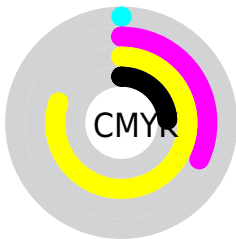
Blue (15%)



Red (55%)

Yellow (76%)

Blue (15%)

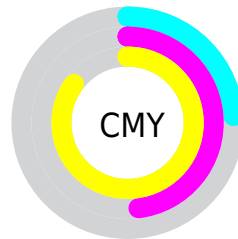


Cyan (0%)

Magenta (32%)

Yellow (80%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18427 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 C18427 by changing the saturation by 10% instead.

 C18427

 C18427

FFFFFF

 A36B05

 FEB95C

 865300

 FFD576

 6A3B00

 FFF191

 4E2600

 FFFFAC

 331100

 FFFFC8

 1D0001

 FFFFE5

 000000

 C18427

 C18427

 C17C14

 C18C3A

■ C17500

■ C1934E

■ C19B61

■ C1A374

■ C1AA88

■ C1B29B

■ C1BAAE

■ C1C1C1

■ C1C9D5

Harmonies

Analogous

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



E16F4B



C18427



949521

Triad

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



C18427



00A9A8



B278DA

Complementary

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



C18427



2764C1

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.



5C8EF4



C18427



00A6D7

Square

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



C18427



00A773



009DF3



DF64AD

Rectangle

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



C18427



6F9E35



009DF3



9C7FE5

Sweetspot

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



C18427



FAE2BE



C12765



7D6F59



FCFCFC



7D7D7D

Same Dimension

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



C18427



FA9B0A



B2C127



615D57



A16100



211400

Inverse Universe

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



2764C1



0A69FA



3627C1



575B61



0040A1



000D21

Previews

White Background



This preview shows how the Hex color C18427 looks on a white background.

Color Contrast Check

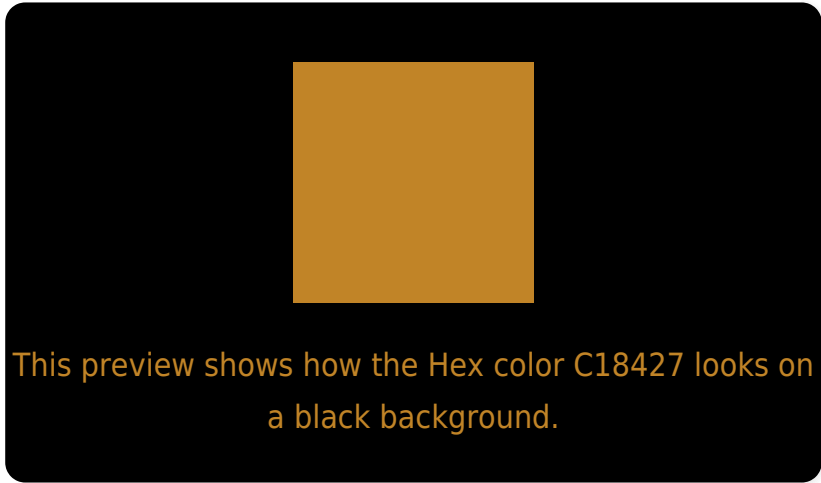
Large Text (above 18pt) WCAG AA ✓ Pass

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 C18427 Background



This preview shows how black text looks on a background with the Hex color C18427.



This preview shows how white text looks on a background with the Hex color C18427.

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
C18427

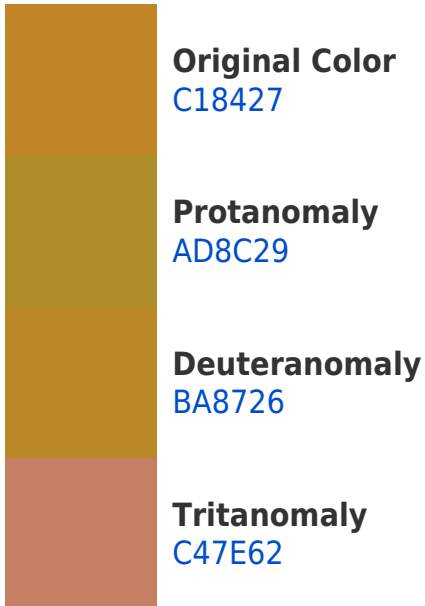
Protanopia
A2912A

Deuteranopia
B68925



Tritanopia
C67B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18427 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 #C18427 looks like.

```
.text, #text, p{  
    color:#C18427  
}
```

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 #C18427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18427  
}
```

Border

The CSS property to change the border of an element to Hex C18427 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  
#C18427 }
```

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

```
.border{ border-color:#C18427 }
```

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

Here you see how a box with a 4 pixel #C18427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18427; -webkit-box-shadow:4px 4px  
4px 4px #C18427; box-shadow:4px 4px 4px  
4px #C18427 }
```

Background

The CSS property to change the background color of an element to Hex C18427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18427 }
```

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

```
.background{ background-color:#C18427 }
```

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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