

Converting Colors

Hex(C18345)

Have a look what the booklet for
Hex(C18345) contains.

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Color

Hex(C18345)

Conversions

Conversions Part 1

Format	Color
Hex	C18345
RGB	193, 131, 69
RGB Percent	76%, 51%, 27%
CMY	0.2431, 0.4863, 0.7294
CMYK	0.00, 0.32, 0.64, 0.24
HSL	30°, 50%, 51%
HSV	30°, 64%, 76%
XYZ	31.1828, 27.9997, 9.3912
YIQ	142.4700, 56.8540, -6.1380

Conversions

Conversions Part 2

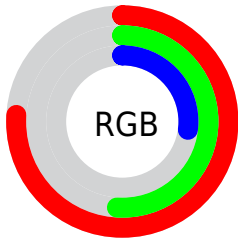
Format	Color
RYB	193, 193, 69
Decimal	12682053
CIELab	59.89, 17.74, 42.48
CIElCh	60, 46.034, 67.329
Yxy	27.9997, 0.4547, 0.4083
Android (android.graphics.Color)	4290872133 (0xFFC18345)
YUV	142.4700, -36.2207, 44.3148
Hunter-Lab	52.9148, 12.5896, 26.5177

Details

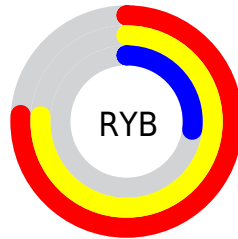
The Hex color **C18345** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4583C1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FDB877**, and **875114** is the 20% darker color. If you saturate the color by 10%, you get **C17932**, and if you desaturate by 10%, it is **C18D58**.

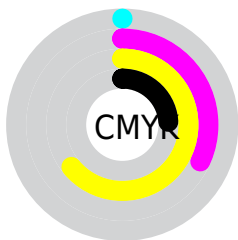
Distribution



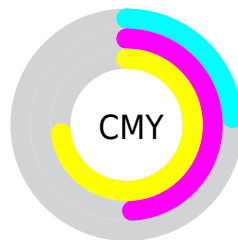
- Red (76%)
- Green (51%)
- Blue (27%)



- Red (76%)
- Yellow (76%)
- Blue (27%)



- Cyan (0%)
- Magenta (32%)
- Yellow (64%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18345 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 C18345 by changing the saturation by 10% instead.

 C18345

 C18345

FFFFFF

 A46A2D

 FDB877

 875114

 FFD492

 6B3A00

 FFF0AD

 502400

 FFFFC8

 350F00

 FFFF E5

 1F0001

 000000

 C18345

 C18345

 C17932

 C18D58

 C1701E

 C1966C

 C1660B

 C1A07F

 C16100

 C1AA92

 C1B3A5

 C1BDB9

 C1C7CC

 C1D0DF

 C1DAF3

Harmonies

Analogous

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



D77561



C18345



9F913C

Triad

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



C18345



00A599



A082D1

Complementary

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



C18345



4583C1

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.



5C91E1



C18345



00A3C0

Square

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



C18345



38A270



009DDA



CA73B0

Rectangle

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



C18345



839945



009DDA



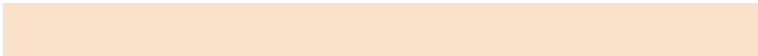
8D87D8

Sweetspot

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



C18345



FAE2CA



C14583



7D6F60



FCFCFC



7D7D7D

Same Dimension

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



C18345



FA9A39



C1C145



615C57



A15000



211100

Inverse Universe

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



4583C1



399AFA



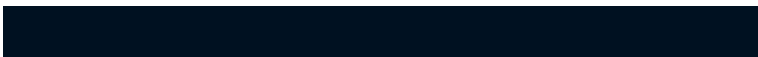
4545C1



575C61



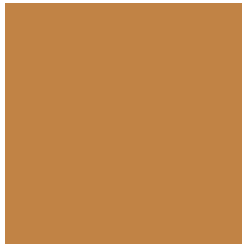
0050A1



001121

Previews

White Background



This preview shows how the Hex color C18345 looks on a white background.

Color Contrast Check

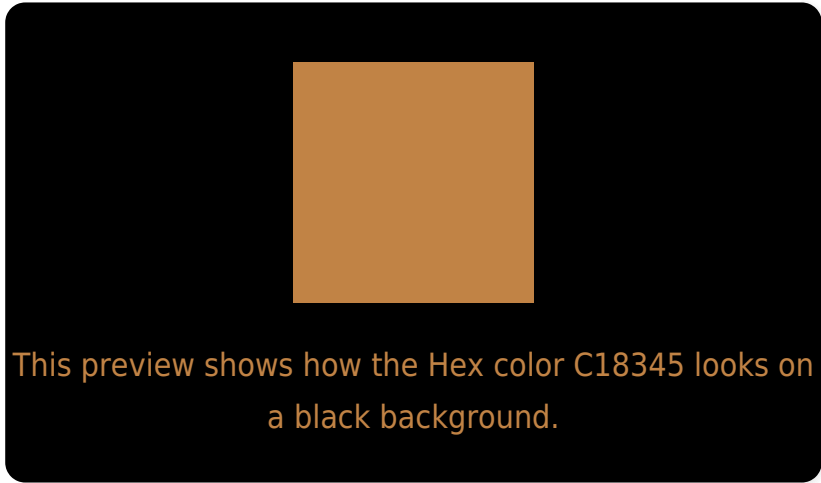
Large Text (above 18pt) WCAG AA ✓ Pass

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 C18345 Background



This preview shows how black text looks on a background with the Hex color C18345.



This preview shows how white text looks on a background with the Hex color C18345.

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
C18345

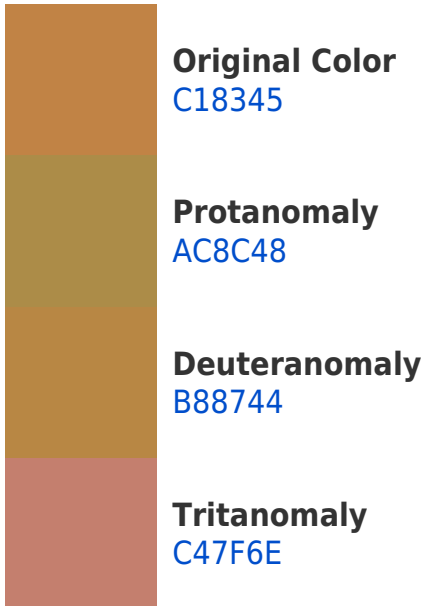
Protanopia
A09149

Deuteranopia
B38A43

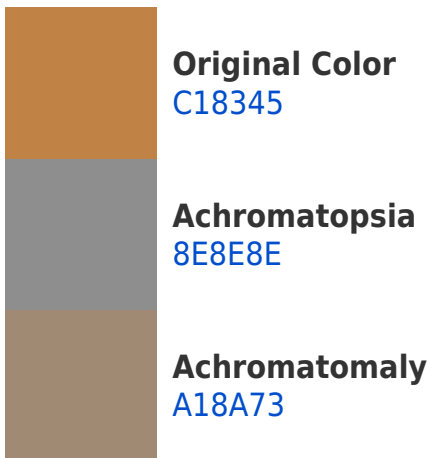


Tritanopia
C57C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18345 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 #C18345 looks like.

```
.text, #text, p{  
  color:#C18345  
}
```

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 #C18345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18345
}
```

Border

The CSS property to change the border of an element to Hex C18345 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
#C18345 }
```

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

```
.border{ border-color:#C18345 }
```

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

Here you see how a box with a 4 pixel #C18345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18345; -webkit-box-shadow:4px 4px  
4px 4px #C18345; box-shadow:4px 4px 4px  
4px #C18345 }
```

Background

The CSS property to change the background color of an element to Hex C18345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18345 }
```

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

```
.background{ background-color:#C18345 }
```

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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