

Converting Colors

Hex(C18162)

Have a look what the booklet for
Hex(C18162) contains.

Hex(C18162)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C18162)

Conversions

Conversions Part 1

Format	Color
Hex	C18162
RGB	193, 129, 98
RGB Percent	76%, 51%, 38%
CMY	0.2431, 0.4941, 0.6157
CMYK	0.00, 0.33, 0.49, 0.24
HSL	20°, 43%, 57%
HSV	20°, 49%, 76%
XYZ	32.0472, 27.9198, 15.2553
YIQ	144.6020, 48.0950, 3.9270

Conversions

Conversions Part 2

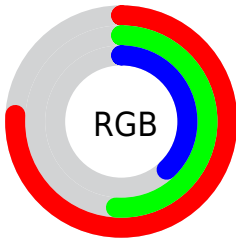
Format	Color
RYB	193, 144, 98
Decimal	12681570
CIELab	59.82, 21.21, 26.84
CIELCh	60, 34.211, 51.681
Yxy	27.9198, 0.4260, 0.3712
Android (android.graphics.Color)	4290871650 (0xFFC18162)
YUV	144.6020, -22.9748, 42.4450
Hunter-Lab	52.8392, 15.7923, 19.8698

Details

The Hex color **C18162** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **62A2C1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FCB695**, and **894F33** is the 20% darker color. If you saturate the color by 10%, you get **C1744F**, and if you desaturate by 10%, it is **C18E75**.

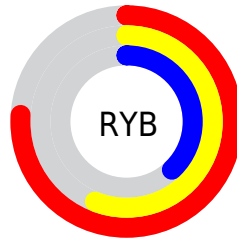
Distribution



Red (76%)

Green (51%)

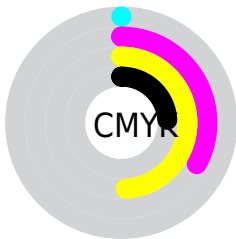
Blue (38%)



Red (76%)

Yellow (56%)

Blue (38%)

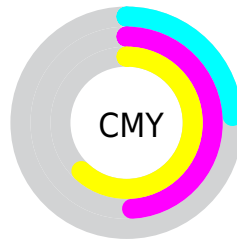


Cyan (0%)

Magenta (33%)

Yellow (49%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18162 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 C18162 by changing the saturation by 10% instead.

 C18162

 C18162

FFFFFF

 A4684A

 FCB695

 894F33

 FFD2B0

 6D381D

 FFEECB

 532106

 FFFFFE8

 390C00

 220001

 000000

 C18162

 C18162

 C1744F

 C18E75

 C1673B

 C19B89

 C15A28

 C1A89C

 C14D15

 C1B5AF

 C14002

 C1C2C3

 C13F00

 C1CFD6

 C1DCE9

 C1E9FC

 C1F6FF

Harmonies

Analogous

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



CB7A7B



C18162



AB8B54

Triad

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



C18162



42A086



878BC8

Complementary

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



C18162



62A2C1

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.



5596CB



C18162



0BA0A5

Square

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



C18162



6B9C6A



179DBE



AE81B6

Rectangle

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



C18162



989254



179DBE



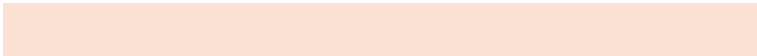
778FCB

Sweetspot

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



C18162



FAE1D4



C162A3



7D6E66



FCFCFC



7D7D7D

Same Dimension

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



C18162



FA9766



C1B062



615A57



A13400



210B00

Inverse Universe

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



62A2C1



66CAFA



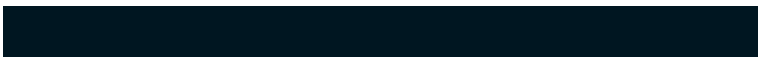
6273C1



575E61



006CA1



001621

Previews

White Background



This preview shows how the Hex color C18162 looks on a white background.

Color Contrast Check

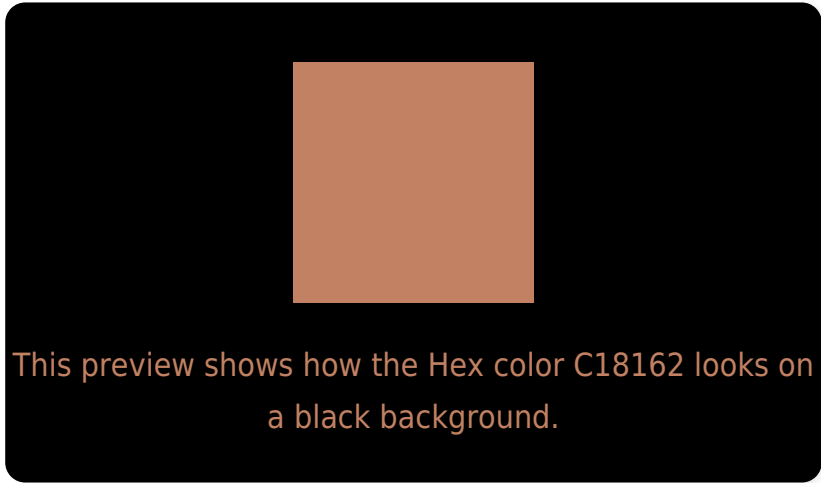
Large Text (above 18pt) WCAG AA ✓ Pass

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

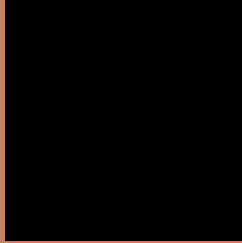
Any Text WCAG AA ✓ Pass

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 C18162 Background



This preview shows how black text looks on a background with the Hex color C18162.



This preview shows how white text looks on a background with the Hex color C18162.

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
C18162

Protanopia
9B9068

Deuteranopia
AD8A60



Tritanopia
C47C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18162 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 #C18162 looks like.

```
.text, #text, p{  
    color:#C18162  
}
```

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 #C18162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18162
}
```

Border

The CSS property to change the border of an element to Hex C18162 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
#C18162 }
```

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

```
.border{ border-color:#C18162 }
```

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

Here you see how a box with a 4 pixel #C18162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18162; -webkit-box-shadow:4px 4px  
4px 4px #C18162; box-shadow:4px 4px 4px  
4px #C18162 }
```

Background

The CSS property to change the background color of an element to Hex C18162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18162 }
```

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

```
.background{ background-color:#C18162 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor