

Converting Colors

Hex(C18761)

Have a look what the booklet for
Hex(C18761) contains.

Hex(C18761)	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(C18761)

Conversions

Conversions Part 1

Format	Color
Hex	C18761
RGB	193, 135, 97
RGB Percent	76%, 53%, 38%
CMY	0.2431, 0.4706, 0.6196
CMYK	0.00, 0.30, 0.50, 0.24
HSL	24°, 44%, 57%
HSV	24°, 50%, 76%
XYZ	32.8140, 29.5285, 15.2793
YIQ	148.0100, 46.7660, 0.4780

Conversions

Conversions Part 2

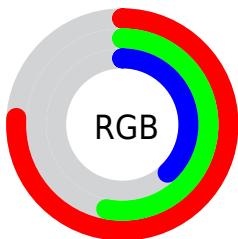
Format	Color
R_{YB}	193, 160, 97
Decimal	12683105
CIE _{Lab}	61.25, 17.81, 29.25
CIE _{LCh}	61, 34.244, 58.669
Yxy	29.5285, 0.4227, 0.3804
Android (android.graphics.Color)	4290873185 (0xFFC18761)
YUV	148.0100, -25.1479, 39.4562
Hunter-Lab	54.3401, 12.6943, 21.3669

Details

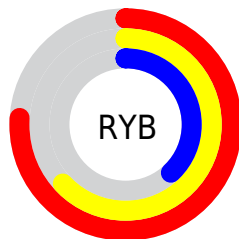
The Hex color **C18761** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **619BC1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FCBC94**, and **895532** is the 20% darker color. If you saturate the color by 10%, you get **C17B4E**, and if you desaturate by 10%, it is **C19374**.

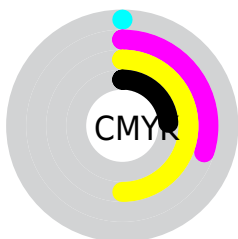
Distribution



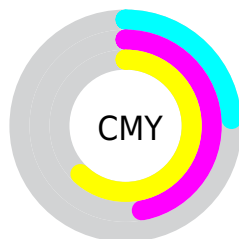
- Red (76%)
- Green (53%)
- Blue (38%)



- Red (76%)
- Yellow (63%)
- Blue (38%)



- Cyan (0%)
- Magenta (30%)
- Yellow (50%)
- Black (24%)



- Cyan (24%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color C18761 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 C18761 by changing the saturation by 10% instead.

 C18761

 C18761

FFFFFF

 A56E49

 FCBC94

 895532

 FFD8AF

 6D3E1C

 FFF5CA

 532704

 FFFFE7

 391200

 220000

 000000

 C18761

 C18761

 C17B4E

 C19374

 C1703A

 C19E88

 C16427

 C1AA9B

 C15814

 C1B6AE

 C14D00

 C1C1C2

 C14C00

 C1CDD5

 C1D9E8

 C1E4FB

 C1F0FF

Harmonies

Analogous

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



CE7F78



C18761



A99257

Triad

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



C18761



3CA491



958CC9

Complementary

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



C18761



619BC1

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.



6597D0



C18761



0CA3B0

Square

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



C18761



66A173



2D9FC7



B982B4

Rectangle

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



C18761



959859



2D9FC7



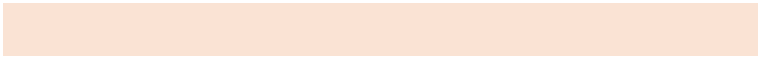
8690CD

Sweetspot

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



C18761



FAE3D4



C1619C



7D6F66



FCFCFC



7D7D7D

Same Dimension

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



C18761



FA9F64



C1B661



615B57



A14000



210D00

Inverse Universe

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



619BC1



64BFFA



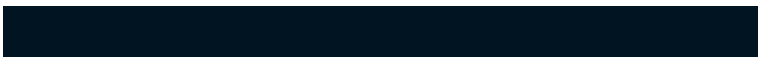
616CC1



575D61



0061A1



001421

Previews

White Background



This preview shows how the Hex color C18761 looks on a white background.

Color Contrast Check

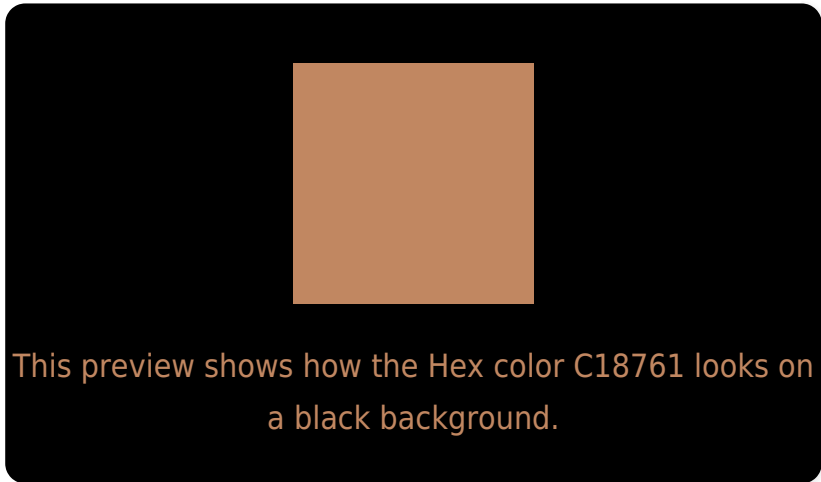
Large Text (above 18pt) WCAG AA ✓ Pass

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

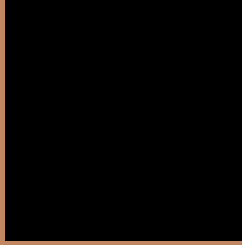
Any Text WCAG AA ✓ Pass

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 C18761 Background



This preview shows how black text looks on a background with the Hex color C18761.



This preview shows how white text looks on a background with the Hex color C18761.

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
C18761

Protanopia
A09466

Deuteranopia
B28E60

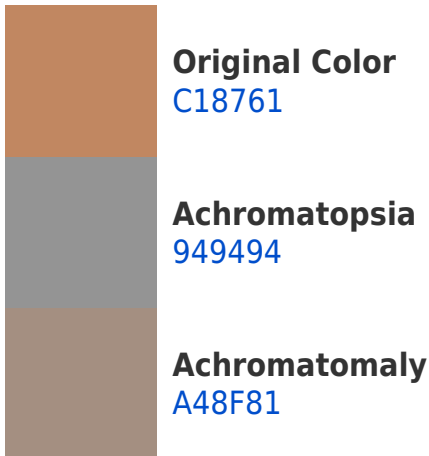


Tritanopia
C5818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C18761 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 #C18761 looks like.

```
.text, #text, p{  
    color:#C18761  
}
```

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 #C18761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C18761
}
```

Border

The CSS property to change the border of an element to Hex C18761 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
#C18761 }
```

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

```
.border{ border-color:#C18761 }
```

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

Here you see how a box with a 4 pixel #C18761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C18761; -webkit-box-shadow:4px 4px  
4px 4px #C18761; box-shadow:4px 4px 4px  
4px #C18761 }
```

Background

The CSS property to change the background color of an element to Hex C18761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C18761 }
```

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

```
.background{ background-color:#C18761 }
```

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