

Converting Colors

Hex(C17D21)

Have a look what the booklet for
Hex(C17D21) contains.

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Color

Hex(C17D21)

Conversions

Conversions Part 1

Format	Color
Hex	C17D21
RGB	193, 125, 33
RGB Percent	76%, 49%, 13%
CMY	0.2431, 0.5098, 0.8706
CMYK	0.00, 0.35, 0.83, 0.24
HSL	34°, 71%, 44%
HSV	34°, 83%, 76%
XYZ	29.6004, 26.1145, 4.9193
YIQ	134.8440, 70.0600, -14.1960

Conversions

Conversions Part 2

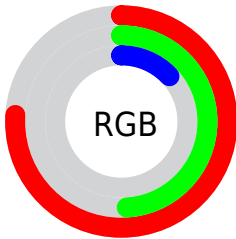
Format	Color
R_{YB}	151, 193, 33
Decimal	12680481
CIE Lab	58.15, 19.32, 56.60
CIE LCh	58, 59.811, 71.153
Yxy	26.1145, 0.4882, 0.4307
Android (android.graphics.Color)	4290870561 (0xFFC17D21)
YUV	134.8440, -50.2091, 51.0028
Hunter-Lab	51.1023, 13.9650, 30.0641

Details

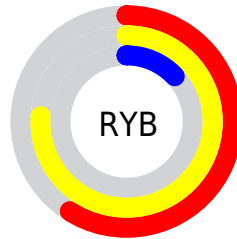
The Hex color **C17D21** is a dark color, and the websafe version is hex **996600**. The color can be described as dark muted orange. A complement of this color would be **2165C1**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FEB256**, and **864C00** is the 20% darker color. If you saturate the color by 10%, you get **C1750E**, and if you desaturate by 10%, it is **C18534**.

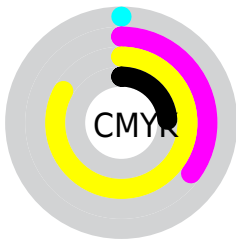
Distribution



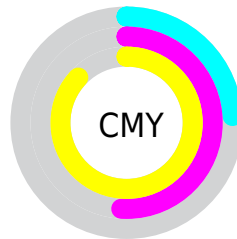
- Red (76%)
- Green (49%)
- Blue (13%)



- Red (59%)
- Yellow (76%)
- Blue (13%)



- Cyan (0%)
- Magenta (35%)
- Yellow (83%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color C17D21 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 C17D21 by changing the saturation by 10% instead.

 C17D21

 C17D21

FFFFFF

 A36400

 FEB256

 864C00

 FFCD70

 693500

 FFE98B

 4D1F00

 FFFFA6

 320A00

 FFFFC2

 180001

 FFFFDF

 000000

 FFFFFC

 C17D21

 C17D21

 C1750E

 C18534

 C16F00

 C18D48

 C1965B

 C19E6E

 C1A682

 C1AE95

 C1B6A8

 C1BFBB

 C1C7CF

Harmonies

Analogous

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



E06749



C17D21



948F13

Triad

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



C17D21



00A59E



A775DB

Complementary

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



C17D21



2165C1

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.



418BF3



C17D21



00A3D0

Square

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



C17D21



00A268



009BEF



D95FAF

Rectangle

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



C17D21



709829



009BEF



8E7DE6

Sweetspot

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



C17D21



FADFBB



C12166



7D6D57



FCFCFC



7D7D7D

Same Dimension

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



C17D21



FA9102



B6C121



615D57



A15C00



211300

Inverse Universe

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



2165C1



026CFA



2C21C1



575B61



0044A1



000E21

Previews

White Background



This preview shows how the Hex color C17D21 looks on a white background.

Color Contrast Check

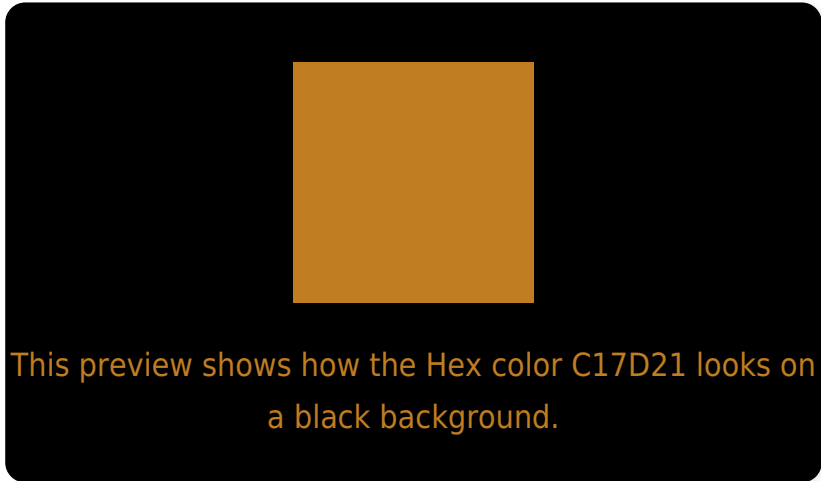
Large Text (above 18pt) WCAG AA ✓ Pass

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

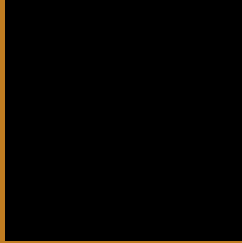
Any Text WCAG AA ✓ Pass

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 C17D21 Background



This preview shows how black text looks on a background with the Hex color C17D21.



This preview shows how white text looks on a background with the Hex color C17D21.

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
C17D21

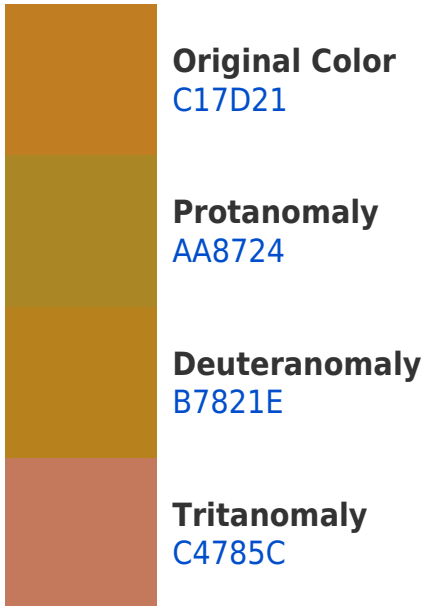
Protanopia
9D8D25

Deuteranopia
B1851D



Tritanopia
C6757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C17D21 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 #C17D21 looks like.

```
.text, #text, p{  
    color:#C17D21  
}
```

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 #C17D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17D21
}
```

Border

The CSS property to change the border of an element to Hex C17D21 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
#C17D21 }
```

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

```
.border{ border-color:#C17D21 }
```

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

Here you see how a box with a 4 pixel #C17D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17D21; -webkit-box-shadow:4px 4px  
4px 4px #C17D21; box-shadow:4px 4px 4px  
4px #C17D21 }
```

Background

The CSS property to change the background color of an element to Hex C17D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17D21 }
```

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

```
.background{ background-color:#C17D21 }
```

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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