

Converting Colors

Hex(D17921)

Have a look what the booklet for
Hex(D17921) contains.

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Color

Hex(D17921)

Conversions

Conversions Part 1

Format	Color
Hex	D17921
RGB	209, 121, 33
RGB Percent	82%, 47%, 13%
CMY	0.1804, 0.5255, 0.8706
CMYK	0.00, 0.42, 0.84, 0.18
HSL	30°, 73%, 47%
HSV	30°, 84%, 82%
XYZ	33.4064, 27.3399, 4.9553
YIQ	137.2800, 80.6960, -8.7120

Conversions

Conversions Part 2

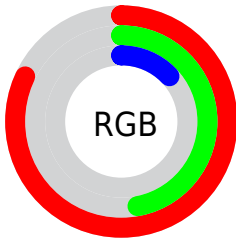
Format	Color
R_{YB}	209, 209, 33
Decimal	13728033
CIE _{Lab}	59.29, 28.34, 58.40
CIE _{LCh}	59, 64.915, 64.112
Yxy	27.3399, 0.5085, 0.4161
Android (android.graphics.Color)	4291918113 (0xFFD17921)
YUV	137.2800, -51.4100, 62.8984
Hunter-Lab	52.2875, 22.5401, 30.9824

Details

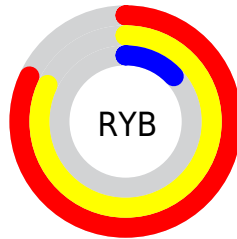
The Hex color **D17921** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2179D1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFAE56**, and **944700** is the 20% darker color. If you saturate the color by 10%, you get **D16F0C**, and if you desaturate by 10%, it is **D18336**.

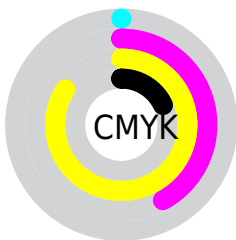
Distribution



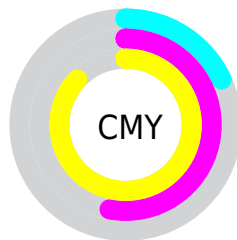
- Red (82%)
- Green (47%)
- Blue (13%)



- Red (82%)
- Yellow (82%)
- Blue (13%)



- Cyan (0%)
- Magenta (42%)
- Yellow (84%)
- Black (18%)



- Cyan (18%)
- Magenta (53%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D17921 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 D17921 by changing the saturation by 10% instead.

 D17921

 D17921

FFFFFF

 B26000

 FFAE56

 944700

 FFC970

 773000

 FFE68B

 5A1900

 FFFFA7

 3E0100

 FFFFC2

 270001

 FFFFDF

 000000

 FFFFFC

 D17921

 D17921

 D16F0C

 D18336

 D16900

 D18E4B

 D19860

 D1A375

 D1AD8A

 D1B89E

 D1C2B3

 D1CDC8

 D1D7DD

Harmonies

Analogous

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



EE6152



D17921



A38F00

Triad

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



D17921



00A995



997CEE

Complementary

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



D17921



2179D1

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.



0093FF



D17921



00A8CD

Square

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



D17921



00A65A



00A2F5



D962C2

Rectangle

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



D17921



7E9912



00A2F5



7884F8

Sweetspot

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



D17921



FFDFBF



D12179



806C59



000000



808080

Same Dimension

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



D17921



FF8000



D1D121



69635E



A85400



291400

Inverse Universe

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



2179D1



0080FF



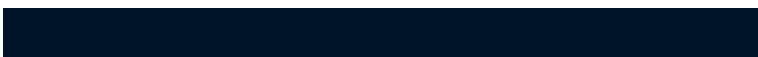
2121D1



5E6369



0054A8



001429

Previews

White Background



This preview shows how the Hex color D17921 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 D17921 Background



This preview shows how black text looks on a background with the Hex color D17921.



This preview shows how white text looks on a background with the Hex color D17921.

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
D17921

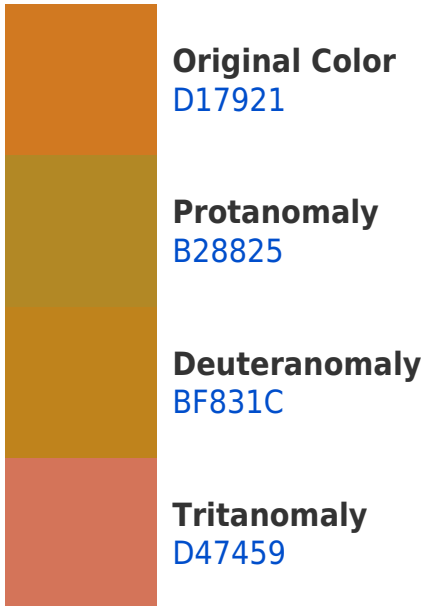
Protanopia
A19027

Deuteranopia
B58819

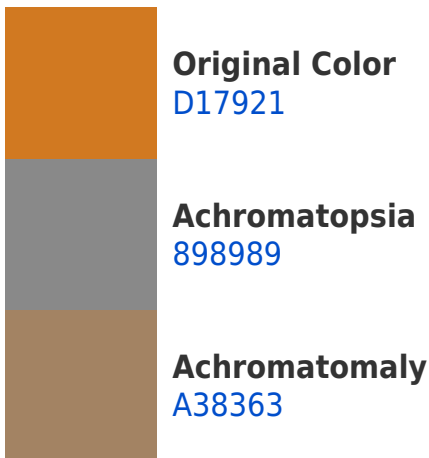


Tritanopia
D57179

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D17921 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 #D17921 looks like.

```
.text, #text, p{  
    color:#D17921  
}
```

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 #D17921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17921  
}
```

Border

The CSS property to change the border of an element to Hex D17921 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  
#D17921 }
```

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

```
.border{ border-color:#D17921 }
```

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

Here you see how a box with a 4 pixel #D17921 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17921; -webkit-box-shadow:4px 4px  
4px 4px #D17921; box-shadow:4px 4px 4px  
4px #D17921 }
```

Background

The CSS property to change the background color of an element to Hex D17921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17921 }
```

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

```
.background{ background-color:#D17921 }
```

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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