

Converting Colors

Hex(D17F12)

Have a look what the booklet for
Hex(D17F12) contains.

Hex(D17F12)	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>	28

Color

Hex(D17F12)

Conversions

Conversions Part 1

Format	Color
Hex	D17F12
RGB	209, 127, 18
RGB Percent	82%, 50%, 7%
CMY	0.1804, 0.5020, 0.9294
CMYK	0.00, 0.39, 0.91, 0.18
HSL	34°, 84%, 45%
HSV	34°, 91%, 82%
XYZ	33.9930, 28.7777, 4.3353
YIQ	139.0920, 83.8610, -16.5150

Conversions

Conversions Part 2

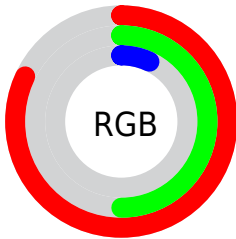
Format	Color
R_{YB}	162, 209, 18
Decimal	13729554
CIE _{Lab}	60.58, 24.80, 63.75
CIE _{LCh}	61, 68.405, 68.739
Yxy	28.7777, 0.5066, 0.4288
Android (android.graphics.Color)	4291919634 (0xFFD17F12)
YUV	139.0920, -59.6984, 61.3093
Hunter-Lab	53.6449, 19.2312, 32.7599

Details

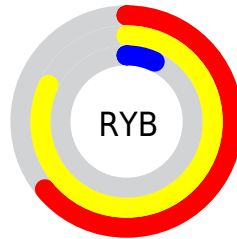
The Hex color **D17F12** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1264D1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FFB44D**, and **944D00** is the 20% darker color. If you saturate the color by 10%, you get **D17700**, and if you desaturate by 10%, it is **D18827**.

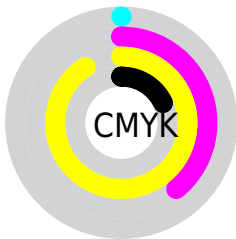
Distribution



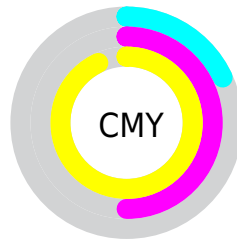
- Red (82%)
- Green (50%)
- Blue (7%)



- Red (64%)
- Yellow (82%)
- Blue (7%)



- Cyan (0%)
- Magenta (39%)
- Yellow (91%)
- Black (18%)



- Cyan (18%)
- Magenta (50%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D17F12 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 D17F12 by changing the saturation by 10% instead.

 D17F12

 D17F12

FFFFFF

 B26600

 FFB44D

 944D00

 FFD068

 773600

 FFEC83

 5A1F00

 FFFF9E

 3E0900

 FFFFBA

 270001

 FFFFD7

 000000

 FFFFF4

 D17F12

 D17F12

 D17700

 D18827

 D1913C

 D19A51

 D1A366

 D1AC7B

 D1B58F

 D1BEA4

 D1C7B9

 D1D0CE

Harmonies

Analogous

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



F36449



D17F12



9F9500

Triad

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



D17F12



00AEA3



AA7AF1

Complementary

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



D17F12



1264D1

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



D17F12



00ACDC

Square

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



D17F12



00AB64



00A4FF



E75EBF

Rectangle

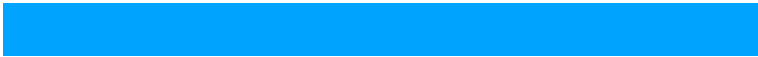
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D17F12



759F12



00A4FF



8A83FD

Sweetspot

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



D17F12



FFE1BA



D11265



806E57



000000



808080

Same Dimension

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



D17F12



FF9200



C4D112



69645E



A86000



291700

Inverse Universe

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



1264D1



006DFF



1F12D1



5E6369



0048A8



001229

Previews

White Background



This preview shows how the Hex color D17F12 looks on a white background.

Color Contrast Check

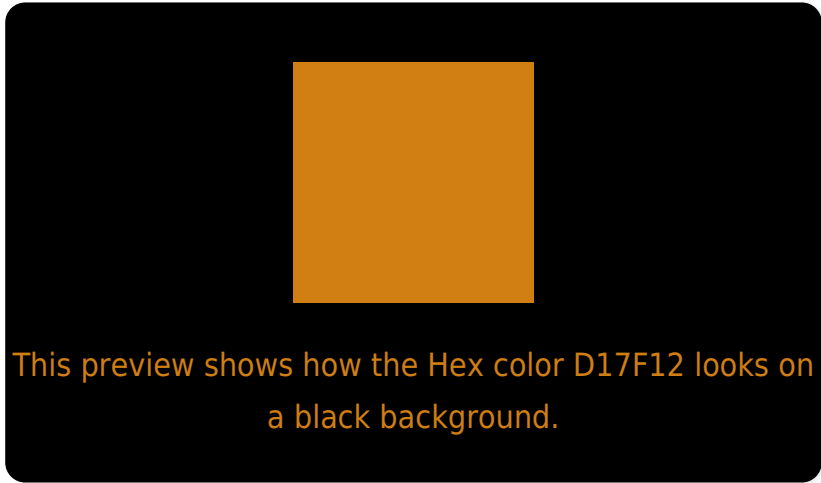
Large Text (above 18pt) WCAG AA ✓ Pass

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 D17F12 Background



This preview shows how black text looks on a background with the Hex color D17F12.

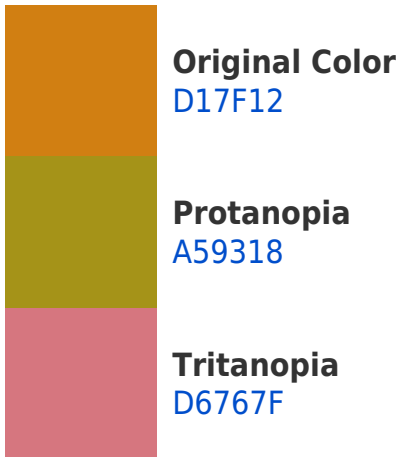


This preview shows how white text looks on a background with the Hex color D17F12.

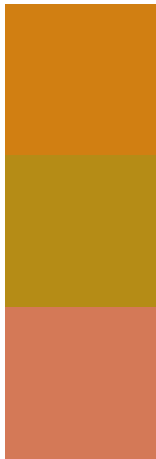
Color Blindness Simulation

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



Trichromacy



Original Color
D17F12

Protanomaly
B58C16

Tritanomaly
D47957

Monochromacy



Original Color
D17F12

Achromatopsia
8B8B8B

Achromatomaly
A4875F

CSS Examples

Text

The CSS property to change the color of the text to Hex D17F12 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 #D17F12 looks like.

```
.text, #text, p{  
    color:#D17F12  
}
```

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 #D17F12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17F12
}
```

Border

The CSS property to change the border of an element to Hex D17F12 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
#D17F12 }
```

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

```
.border{ border-color:#D17F12 }
```

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

Here you see how a box with a 4 pixel #D17F12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17F12; -webkit-box-shadow:4px 4px  
4px 4px #D17F12; box-shadow:4px 4px 4px  
4px #D17F12 }
```

Background

The CSS property to change the background color of an element to Hex D17F12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17F12 }
```

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

```
.background{ background-color:#D17F12 }
```

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