

Converting Colors

Hex(D17A16)

Have a look what the booklet for
Hex(D17A16) contains.

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Color

Hex(D17A16)

Conversions

Conversions Part 1

Format	Color
Hex	D17A16
RGB	209, 122, 22
RGB Percent	82%, 48%, 9%
CMY	0.1804, 0.5216, 0.9137
CMYK	0.00, 0.42, 0.89, 0.18
HSL	32°, 81%, 45%
HSV	32°, 89%, 82%
XYZ	33.3988, 27.5323, 4.3130
YIQ	136.6130, 83.9520, -12.6560

Conversions

Conversions Part 2

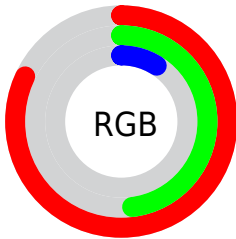
Format	Color
R_{YB}	185, 209, 22
Decimal	13728278
CIE Lab	59.46, 27.56, 61.93
CIE LCh	59, 67.787, 66.014
Yxy	27.5323, 0.5119, 0.4220
Android (android.graphics.Color)	4291918358 (0xFFD17A16)
YUV	136.6130, -56.5042, 63.4834
Hunter-Lab	52.4712, 21.7937, 31.8564

Details

The Hex color **D17A16** 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 **166DD1**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FFAF4F**, and **944800** is the 20% darker color. If you saturate the color by 10%, you get **D17001**, and if you desaturate by 10%, it is **D1842B**.

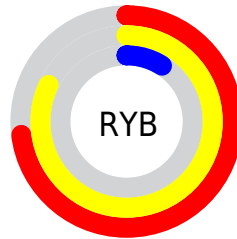
Distribution



Red (82%)

Green (48%)

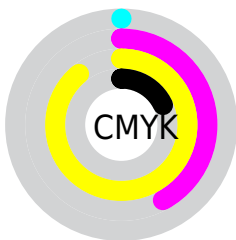
Blue (9%)



Red (73%)

Yellow (82%)

Blue (9%)

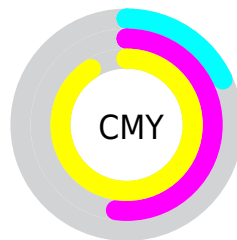


Cyan (0%)

Magenta (42%)

Yellow (89%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D17A16 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 D17A16 by changing the saturation by 10% instead.

 D17A16

 D17A16

FFFFFF

 B26100

 FFAF4F

 944800

 FFCA69

 763100

 FFE784

 591A00

 FFFF9F

 3E0300

 FFFFBB

 270001

 FFFFD8

 000000

 FFFFF5

 D17A16

 D17A16

 D17001

 D1842B

 D17000

 D18D40

 D19755

 D1A16A

 D1AB7E

 D1B493

 D1BEA8

 D1C8BD

 D1D2D2

Harmonies

Analogous

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



F1604C



D17A16



A09000

Triad

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



D17A16



00AB9A



9F7AF0

Complementary

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



D17A16



166DD1

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.



0092FF



D17A16



00A9D4

Square

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



D17A16



00A75C



00A2FC



DF5EC1

Rectangle

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



D17A16



799B08



00A2FC



7D83FB

Sweetspot

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



D17A16



FFDFBA



D1166D



806D57



000000



808080

Same Dimension

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



D17A16



FF8800



CBD116



69645E



A85A00



291600

Inverse Universe

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



166DD1



0077FF



1C16D1



5E6369



004EA8



001329

Previews

White Background



This preview shows how the Hex color D17A16 looks on a white background.

Color Contrast Check

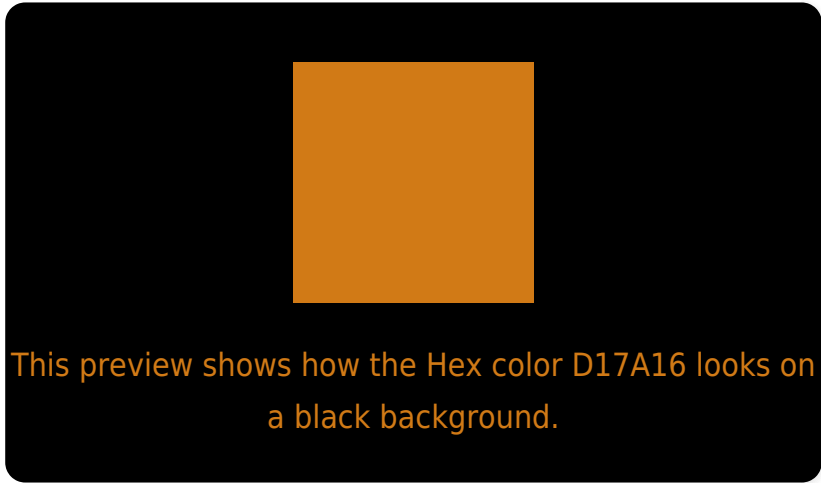
Large Text (above 18pt) WCAG AA ✓ Pass

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 D17A16 Background



This preview shows how black text looks on a background with the Hex color D17A16.



This preview shows how white text looks on a background with the Hex color D17A16.

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
D17A16

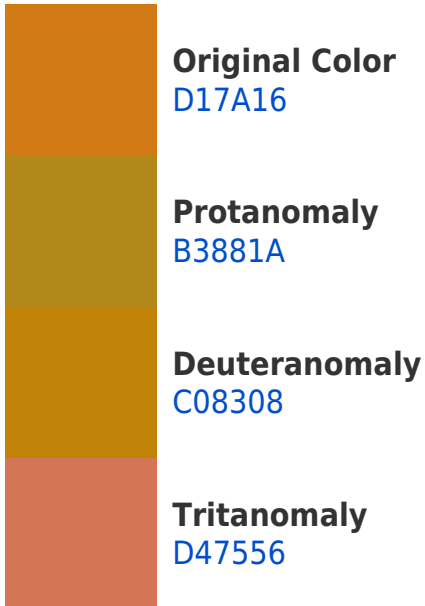
Protanopia
A2901C

Deuteranopia
B68800

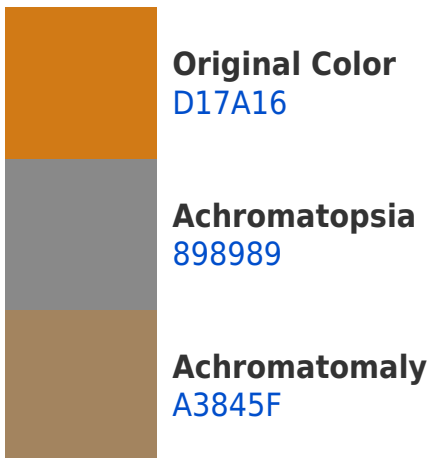


Tritanopia
D5727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D17A16 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 #D17A16 looks like.

```
.text, #text, p{  
    color:#D17A16  
}
```

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 #D17A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17A16
}
```

Border

The CSS property to change the border of an element to Hex D17A16 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
#D17A16 }
```

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

```
.border{ border-color:#D17A16 }
```

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

Here you see how a box with a 4 pixel #D17A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17A16; -webkit-box-shadow:4px 4px  
4px 4px #D17A16; box-shadow:4px 4px 4px  
4px #D17A16 }
```

Background

The CSS property to change the background color of an element to Hex D17A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17A16 }
```

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

```
.background{ background-color:#D17A16 }
```

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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