

# Converting Colors

Hex(D17101)

Have a look what the booklet for  
Hex(D17101) contains.

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**Color**

**Hex(D17101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D17101
RGB	209, 113, 1
RGB Percent	82%, 44%, 0%
CMY	0.1804, 0.5569, 0.9961
CMYK	0.00, 0.46, 1.00, 0.18
HSL	32°, 99%, 41%
HSV	32°, 100%, 82%
XYZ	32.2051, 25.3678, 3.2278
YIQ	128.9360, 93.1680, -14.4800

# Conversions

## Conversions Part 2

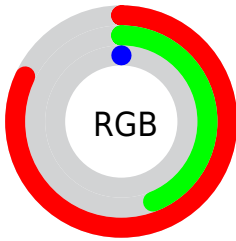
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 209, 1
Decimal	13725953
CIELab	57.43, 32.06, 64.71
CIELCh	57, 72.215, 63.644
Yxy	25.3678, 0.5297, 0.4172
Android (android.graphics.Color)	4291916033 (0xFFD17101)
YUV	128.9360, -63.0724, 70.2161
Hunter-Lab	50.3664, 25.9946, 31.4568

# Details

The Hex color **D17101** 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 **0161D1**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FFA644**, and **943F00** is the 20% darker color. If you saturate the color by 10%, you get **D17100**, and if you desaturate by 10%, it is **D17B16**.

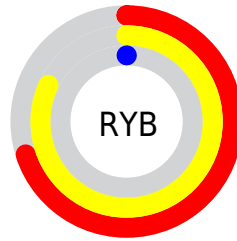
# Distribution



Red (82%)

Green (44%)

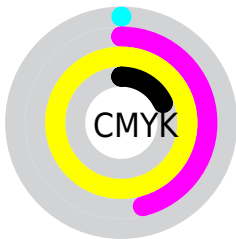
Blue (0%)



Red (70%)

Yellow (82%)

Blue (0%)

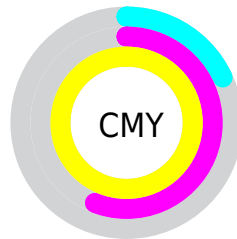


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D17101 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 D17101 by changing the saturation by 10% instead.



 D17101

 D17101

FFFFFF

 B25800

 FFA644

 943F00

 FFC15E

 752800

 FFDD79

 580F00

 FFFA94

 3C0000

 FFFFB0

 230001

 FFFFCC

 000000

 FFFFEE9

 D17101

 D17101

 D17100

 D17B16

 D1842B

 D18E40

 D19855

 D1A169

 D1AB7E

 D1B593

 D1BEA8

 D1C8BD

# Harmonies

## Analogous

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



F15348



D17101



9F8A00

# Triad

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



D17101



00A690



9175F4

# Complementary

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



D17101



0161D1

# 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.



008FFF



D17101



00A5CF

# Square

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



D17101



00A24E



009FFB



DA55C3

# Rectangle

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



D17101



769500



009FFB



697FFF



# Sweetspot

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



D17101



FFDCB3



D10162



806A52



000000



808080



# Same Dimension

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



D17101



FF8900



CAD101



69645E



A85B00



291600



# Inverse Universe

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



0161D1



0076FF



0801D1



5E6369



004EA8



001329



# Previews

## White Background



This preview shows how the Hex color D17101 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 D17101 Background



This preview shows how black text looks on a background with the Hex color D17101.



This preview shows how white text looks on a background with the Hex color D17101.

# 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**  
D17101

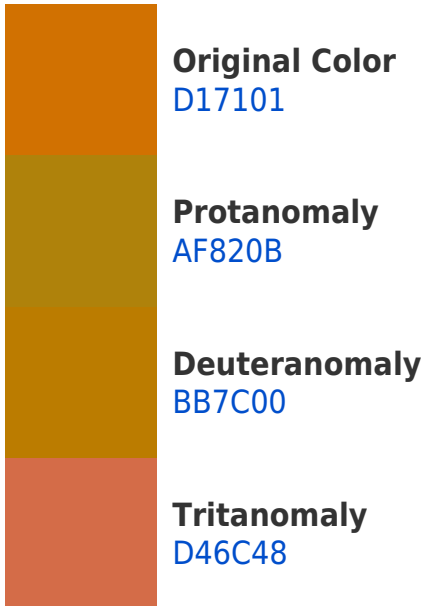
**Protanopia**  
9C8B11

**Deuteranopia**  
AF8300



**Tritanopia**  
D56970

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D17101 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 #D17101 looks like.

```
.text, #text, p{  
    color:#D17101  
}
```

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 #D17101 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D17101
}
```

## Border

The CSS property to change the border of an element to Hex D17101 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
#D17101 }
```

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

```
.border{ border-color:#D17101 }
```

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

Here you see how a box with a 4 pixel #D17101 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D17101; -webkit-box-shadow:4px 4px  
4px 4px #D17101; box-shadow:4px 4px 4px  
4px #D17101 }
```

# Background

The CSS property to change the background color of an element to Hex D17101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D17101 }
```

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

```
.background{ background-color:#D17101 }
```

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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