

# Converting Colors

Hex(D57E17)

Have a look what the booklet for  
Hex(D57E17) contains.

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# Color

Hex(D57E17)

# Conversions

## Conversions Part 1

Format	Color
Hex	D57E17
RGB	213, 126, 23
RGB Percent	84%, 49%, 9%
CMY	0.1647, 0.5059, 0.9098
CMYK	0.00, 0.41, 0.89, 0.16
HSL	33°, 81%, 46%
HSV	33°, 89%, 84%
XYZ	35.0561, 29.1297, 4.5855
YIQ	140.2710, 84.9150, -13.5890

# Conversions

## Conversions Part 2

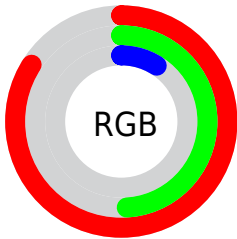
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 213, 23</a>
Decimal	<a href="#">13991447</a>
CIELab	<a href="#">60.90, 27.13, 63.00</a>
CIELCh	<a href="#">61, 68.587, 66.703</a>
Yxy	<a href="#">29.1297, 0.5097, 0.4236</a>
Android (android.graphics.Color)	<a href="#">4292181527 (0xFFD57E17)</a>
YUV	<a href="#">140.2710, -57.8146, 63.7833</a>
Hunter-Lab	<a href="#">53.9719, 21.4892, 32.7430</a>

# Details

The Hex color **D57E17** 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 **176ED5**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFB350**, and **984C00** is the 20% darker color. If you saturate the color by 10%, you get **D57402**, and if you desaturate by 10%, it is **D5882C**.

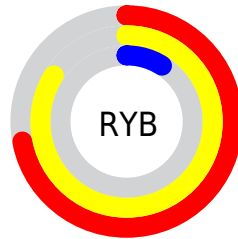
# Distribution



Red (84%)

Green (49%)

Blue (9%)



Red (72%)

Yellow (84%)

Blue (9%)

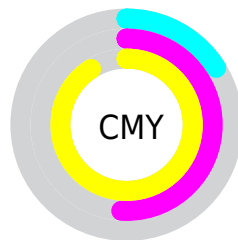


Cyan (0%)

Magenta (41%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (51%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D57E17 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 D57E17 by changing the saturation by 10% instead.



 D57E17

 D57E17

FFFFFF

 B66500

 FF3350

 984C00

 FF6699

 7A3500

 FF9966

 5D1E00

 FFFFA1

 410600

 FFFFBD

 2A0001

 FFFFDA

 000000

 FFFFF7

 D57E17

 D57E17

 D57402

 D5882C

 D57300

 D59242

 D59B57

 D5A56C

 D5AF82

 D5B997

 D5C2AC

 D5CCC1

 D5D6D7

# Harmonies

## Analogous

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



F6634E



D57E17



A39500

# Triad

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



D57E17



00AF9F



A57CF5

# Complementary

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



D57E17



176ED5

# 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.



0096FF



D57E17



00ADDA

# Square

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



D57E17



00AC60



00A6FF



E660C4

# Rectangle

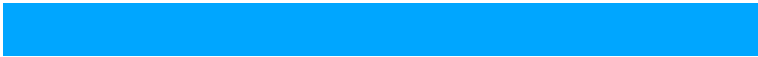
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D57E17



7B9F0E



00A6FF



8486FF



# Sweetspot

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



D57E17



FFDFBA



D51770



806D57



000000



808080



# Same Dimension

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



D57E17



FF8A00



CFD517



6B6660



AB5D00



2B1800



# Inverse Universe

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



176ED5



0075FF



1D17D5



60656B



004EAB



00142B



# Previews

## White Background



This preview shows how the Hex color D57E17 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 D57E17 Background



This preview shows how black text looks on a background with the Hex color D57E17.



This preview shows how white text looks on a background with the Hex color D57E17.

# 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**  
D57E17

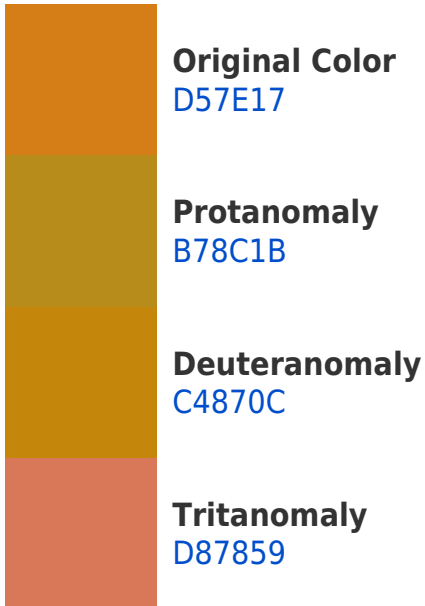
**Protanopia**  
A6941D

**Deuteranopia**  
BA8C06



**Tritanopia**  
DA757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D57E17 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 #D57E17 looks like.

```
.text, #text, p{  
    color:#D57E17  
}
```

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 #D57E17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D57E17  
}
```

## Border

The CSS property to change the border of an element to Hex D57E17 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  
#D57E17 }
```

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

```
.border{ border-color:#D57E17 }
```

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

Here you see how a box with a 4 pixel #D57E17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D57E17; -webkit-box-shadow:4px 4px  
4px 4px #D57E17; box-shadow:4px 4px 4px  
4px #D57E17 }
```

# Background

The CSS property to change the background color of an element to Hex D57E17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D57E17 }
```

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

```
.background{ background-color:#D57E17 }
```

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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