

Converting Colors

Hex(D77F13)

Have a look what the booklet for
Hex(D77F13) contains.

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Color

Hex(D77F13)

Conversions

Conversions Part 1

Format	Color
Hex	D77F13
RGB	215, 127, 19
RGB Percent	84%, 50%, 7%
CMY	0.1569, 0.5020, 0.9255
CMYK	0.00, 0.41, 0.91, 0.16
HSL	33°, 84%, 46%
HSV	33°, 91%, 84%
XYZ	35.7312, 29.6728, 4.4603
YIQ	141.0000, 87.1160, -14.9320

Conversions

Conversions Part 2

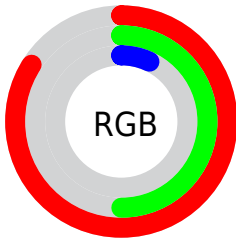
Format	Color
RYB	179, 215, 19
Decimal	14122771
CIELab	61.37, 27.37, 64.45
CIElCh	61, 70.023, 66.995
Yxy	29.6728, 0.5114, 0.4247
Android (android.graphics.Color)	4292312851 (0xFFD77F13)
YUV	141.0000, -60.1460, 64.8980
Hunter-Lab	54.4728, 21.7592, 33.2762

Details

The Hex color **D77F13** 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 **136BD7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFB44E**, and **9A4D00** is the 20% darker color. If you saturate the color by 10%, you get **D77600**, and if you desaturate by 10%, it is **D78928**.

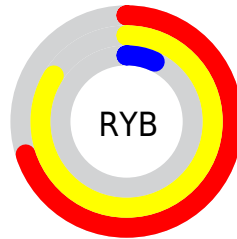
Distribution



Red (84%)

Green (50%)

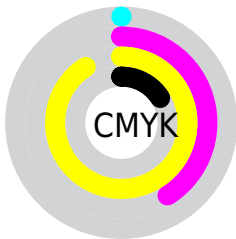
Blue (7%)



Red (70%)

Yellow (84%)

Blue (7%)

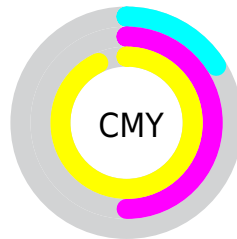


Cyan (0%)

Magenta (41%)

Yellow (91%)

Black (16%)



Cyan (16%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color D77F13 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 D77F13 by changing the saturation by 10% instead.

 D77F13

 D77F13

FFFFFF

 B86600

 FFB44E

 9A4D00

 FFD069

 7C3600

 FFEC84

 5F1F00

 FFFF9F

 430700

 FFFFBB

 2B0000

 FFFFD8

 000000

 FFFFF5

 D77F13

 D77F13

■ D77600

■ D78928

■ D7923E

■ D79C53

■ D7A669

■ D7AF7E

■ D7B994

■ D7C3AA

■ D7CCBF

■ D7D6D5

Harmonies

Analogous

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



F9634D



D77F13



A49600

Triad

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



D77F13



00B1A1



A87DF8

Complementary

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



D77F13



136BD7

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.



0097FF



D77F13



00AFDD

Square

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



D77F13



00AD61



00A7FF



E960C6

Rectangle

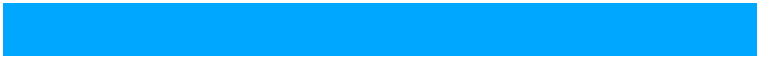
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D77F13



7AA109



00A7FF



8586FF

Sweetspot

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



D77F13



FFE0BA



D7136B



806D57



000000



808080

Same Dimension

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



D77F13



FF8D00



CDD713



6B6660



AB5E00



2B1800

Inverse Universe

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



136BD7



0072FF



1D13D7



60656B



004DAB



00132B

Previews

White Background



This preview shows how the Hex color D77F13 looks on a white background.

Color Contrast Check

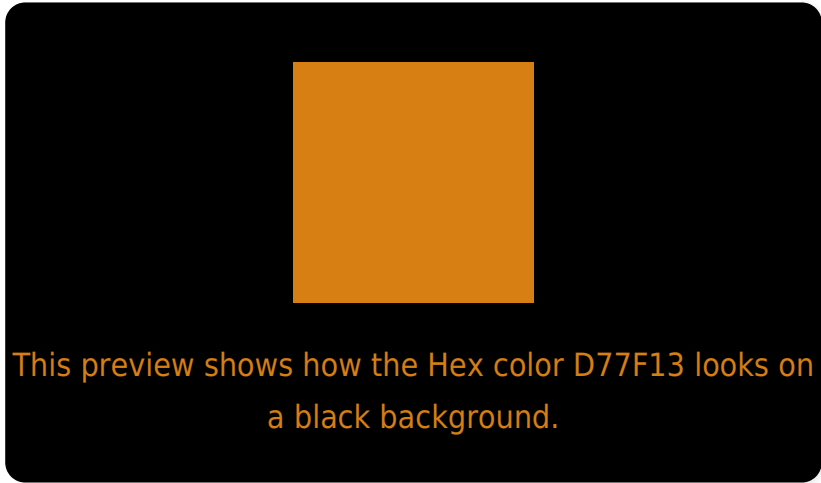
Large Text (above 18pt) WCAG AA ✓ Pass

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 D77F13 Background



This preview shows how black text looks on a background with the Hex color D77F13.



This preview shows how white text looks on a background with the Hex color D77F13.

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
D77F13

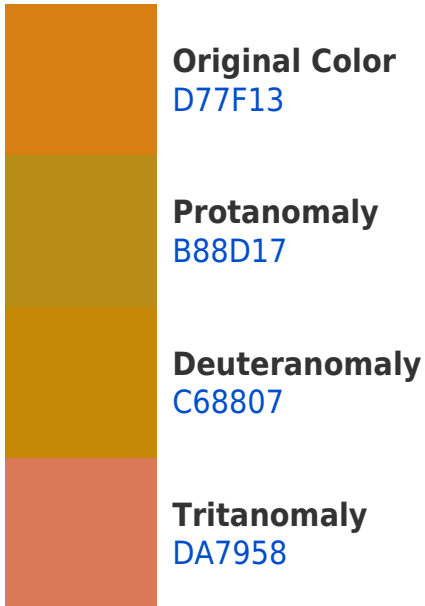
Protanopia
A7951A

Deuteranopia
BC8D00

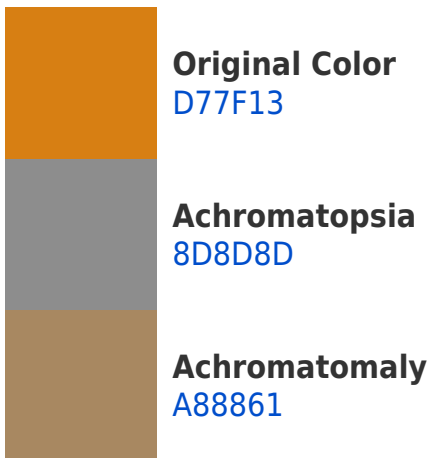


Tritanopia
DC767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D77F13 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 #D77F13 looks like.

```
.text, #text, p{  
    color:#D77F13  
}
```

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 #D77F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D77F13
}
```

Border

The CSS property to change the border of an element to Hex D77F13 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
#D77F13 }
```

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

```
.border{ border-color:#D77F13 }
```

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

Here you see how a box with a 4 pixel #D77F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D77F13; -webkit-box-shadow:4px 4px  
4px 4px #D77F13; box-shadow:4px 4px 4px  
4px #D77F13 }
```

Background

The CSS property to change the background color of an element to Hex D77F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D77F13 }
```

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

```
.background{ background-color:#D77F13 }
```

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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