

Converting Colors

Hex(F37D07)

Have a look what the booklet for
Hex(F37D07) contains.

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Color

Hex(F37D07)

Conversions

Conversions Part 1

Format	Color
Hex	F37D07
RGB	243, 125, 7
RGB Percent	95%, 49%, 3%
CMY	0.0471, 0.5098, 0.9725
CMYK	0.00, 0.49, 0.97, 0.05
HSL	30°, 94%, 49%
HSV	30°, 97%, 95%
XYZ	44.3341, 33.7373, 4.3763
YIQ	146.8300, 108.2060, -11.6820

Conversions

Conversions Part 2

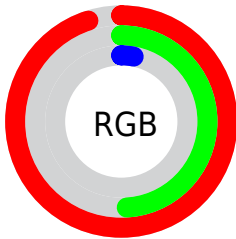
Format	Color
R_{YB}	243, 243, 7
Decimal	15957255
CIE Lab	64.75, 39.69, 70.72
CIE LCh	65, 81.098, 60.698
Yxy	33.7373, 0.5377, 0.4092
Android (android.graphics.Color)	4294147335 (0xFFFF37D07)
YUV	146.8300, -68.9362, 84.3411
Hunter-Lab	58.0838, 34.5986, 36.1915

Details

The Hex color **F37D07** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark saturated orange. A complement of this color would be **077DF3**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFB34A**, and **B34A00** is the 20% darker color. If you saturate the color by 10%, you get **F37900**, and if you desaturate by 10%, it is **F3891F**.

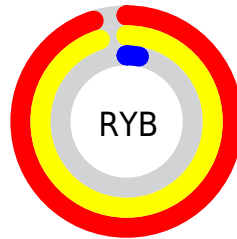
Distribution



Red (95%)

Green (49%)

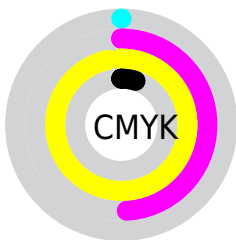
Blue (3%)



Red (95%)

Yellow (95%)

Blue (3%)

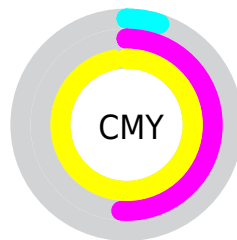


Cyan (0%)

Magenta (49%)

Yellow (97%)

Black (5%)



Cyan (5%)

Magenta (51%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color F37D07 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 F37D07 by changing the saturation by 10% instead.

 F37D07

 F37D07

FFFFFF

 D36300

 FF34A

 B34A00

 FFCF65

 943000

 FFEC81

 751600

 FFFF9C

 580000

 FFFF8

 3C0000

 FFFFD5

 1F0001

 FFFFF2

 000000

 F37D07

 F37D07

 F37900

 F3891F

 F39538

 F3A150

 F3AE68

 F3BA80

 F3C699

 F3D2B1

 F3DEC9

 F3EAE2

Harmonies

Analogous

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



FF5958



F37D07



BB9B00

Triad

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



F37D07



00BD9D



9989FF

Complementary

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



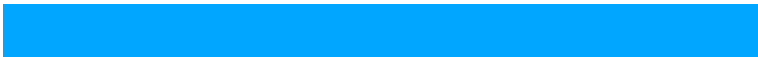
F37D07



077DF3

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.



00A6FF



F37D07



00BDE6

Square

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



F37D07



00B851



00B6FF



F463E5

Rectangle

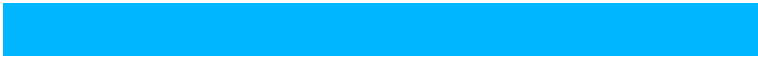
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F37D07



8DA900



00B6FF



6394FF

Sweetspot

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



F37D07



FFDAB5



F3077D



806953



000000



808080

Same Dimension

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



F37D07



FF8000



F3F307



7A746E



BA5D00



3B1D00

Inverse Universe

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



077DF3



0080FF



0707F3



6E747A



005DBA



001D3B

Previews

White Background



This preview shows how the Hex color F37D07 looks on a white background.

Color Contrast Check

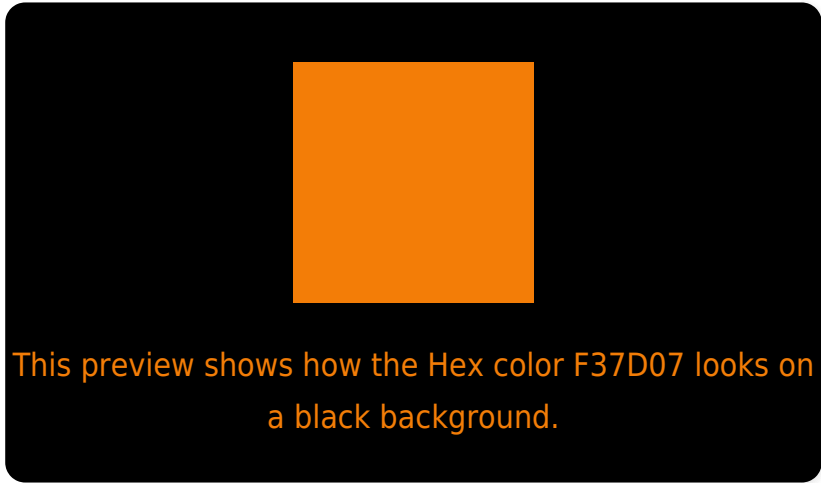
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F37D07 Background



This preview shows how black text looks on a background with the Hex color F37D07.



This preview shows how white text looks on a background with the Hex color F37D07.

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
F37D07

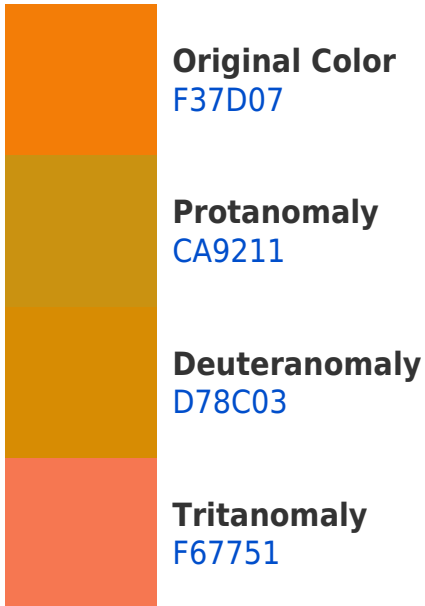
Protanopia
B29E16

Deuteranopia
C79500

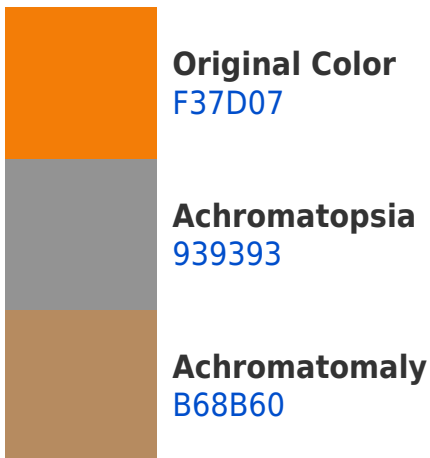


Tritanopia
F7747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F37D07 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 #F37D07 looks like.

```
.text, #text, p{  
    color:#F37D07  
}
```

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 #F37D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F37D07
}
```

Border

The CSS property to change the border of an element to Hex F37D07 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
#F37D07 }
```

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

```
.border{ border-color:#F37D07 }
```

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

Here you see how a box with a 4 pixel #F37D07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F37D07; -webkit-box-shadow:4px 4px  
4px 4px #F37D07; box-shadow:4px 4px 4px  
4px #F37D07 }
```

Background

The CSS property to change the background color of an element to Hex F37D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F37D07 }
```

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

```
.background{ background-color:#F37D07 }
```

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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