

# Converting Colors

Hex(F0130C)

Have a look what the booklet for  
Hex(F0130C) contains.

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**Color**

**Hex(F0130C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F0130C
RGB	240, 19, 12
RGB Percent	94%, 7%, 5%
CMY	0.0588, 0.9255, 0.9529
CMYK	0.00, 0.92, 0.95, 0.06
HSL	2°, 90%, 49%
HSV	2°, 95%, 94%
XYZ	36.2344, 19.0176, 2.1088
YIQ	84.2810, 133.9630, 44.6750

# Conversions

## Conversions Part 2

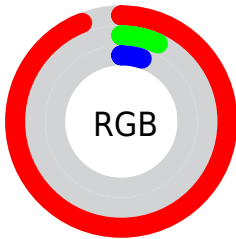
Format	Color
<a href="#">RYB</a>	<a href="#">240, 19, 12</a>
Decimal	<a href="#">15733516</a>
CIELab	<a href="#">50.71, 75.01, 61.30</a>
CIELCh	<a href="#">51, 96.877, 39.257</a>
Yxy	<a href="#">19.0176, 0.6317, 0.3315</a>
Android (android.graphics.Color)	<a href="#">4293923596</a> ( <a href="#">0xFFFF0130C</a> )
YUV	<a href="#">84.2810, -35.6345, 136.5656</a>
Hunter-Lab	<a href="#">43.6091, 71.9980, 27.6593</a>

# Details

The Hex color **F0130C** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **0CE9F0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6240**, and **AD0000** is the 20% darker color. If you saturate the color by 10%, you get **F00700**, and if you desaturate by 10%, it is **F02A24**.

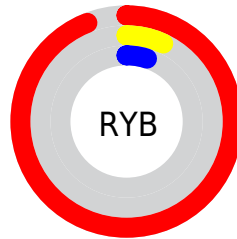
# Distribution



Red (94%)

Green (7%)

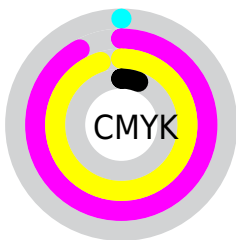
Blue (5%)



Red (94%)

Yellow (7%)

Blue (5%)

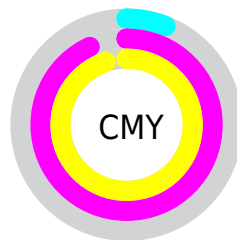


Cyan (0%)

Magenta (92%)

Yellow (95%)

Black (6%)



Cyan (6%)

Magenta (93%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0130C 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 F0130C by changing the saturation by 10% instead.



 F0130C

 F0130C

FFFFFFE

 CE0000

 FF6240

 AD0000

 FF8059

 8C0000

 FF9E73

 6C0001

 FFBC8D

 4E0004

 FFDA A8

 2E0002

 FFF8C4

 000000

 FFFFE1

 F0130C

 F0130C

 F00700

 F02A24

 F0423C

 F05954

 F0706C

 F08784

 F09F9C

 F0B6B4

 F0CDCC

 F0E4E4

# Harmonies

## Analogous

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



FF0064



F0130C



C05E00

# Triad

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



F0130C



009638



007DFF

# Complementary

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



F0130C



0CE9F0

# 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



F0130C



009991

# Square

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



F0130C



008E00



0099E1



9251FB

# Rectangle

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



F0130C



957500



0099E1



0086FF



# Sweetspot

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



F0130C



FFB7B5



F00CEC



805453



000000



808080



# Same Dimension

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



F0130C



FF0800



F0820C



786C6C



B80600



380200



# Inverse Universe

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



0CE9F0



00F7FF



0C7AF0



6C7778



00B2B8



003638



# Previews

## White Background



This preview shows how the Hex color F0130C looks on a white background.

## Color Contrast Check

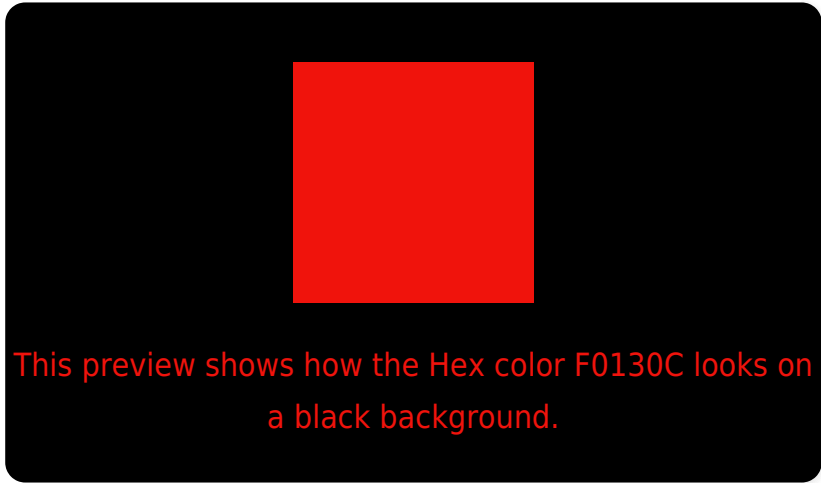
Large Text (above 18pt) WCAG AA ✓ Pass

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 F0130C Background



This preview shows how black text looks on a background with the Hex color F0130C.



This preview shows how white text looks on a background with the Hex color F0130C.

# 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**  
F0130C

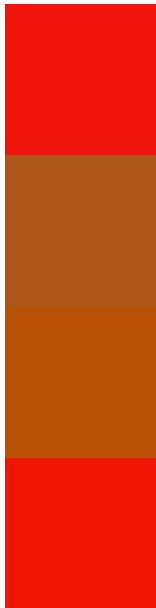
**Protanopia**  
897A22

**Deuteranopia**  
997400



**Tritanopia**  
F01500

# Trichromacy



**Original Color**  
F0130C

**Protanomaly**  
AE551A

**Deuteranomaly**  
B95104

**Tritanomaly**  
F01404

# Monochromacy



**Original Color**  
F0130C

**Achromatopsia**  
545454

**Achromatomaly**  
8D3C3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0130C 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 #F0130C looks like.

```
.text, #text, p{  
    color:#F0130C  
}
```

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 #F0130C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0130C
}
```

## Border

The CSS property to change the border of an element to Hex F0130C is called "border". The border property can be set on classes, ids or directly on the HTML element.

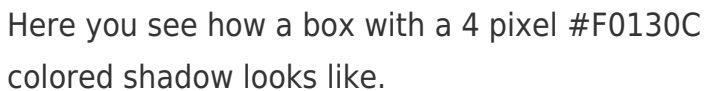
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F0130C }
```

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

```
.border{ border-color:#F0130C }
```

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



Here you see how a box with a 4 pixel `#F0130C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0130C; -webkit-box-shadow:4px 4px  
4px 4px #F0130C; box-shadow:4px 4px 4px  
4px #F0130C }
```

# Background

The CSS property to change the background color of an element to Hex F0130C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0130C }
```

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

```
.background{ background-color:#F0130C }
```

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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