

Converting Colors

Hex(F0C130)

Have a look what the booklet for
Hex(F0C130) contains.

Hex(F0C130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F0C130)

Conversions

Conversions Part 1

Format	Color
Hex	F0C130
RGB	240, 193, 48
RGB Percent	94%, 76%, 19%
CMY	0.0588, 0.2431, 0.8118
CMYK	0.00, 0.20, 0.80, 0.06
HSL	45°, 86%, 56%
HSV	45°, 80%, 94%
XYZ	55.5386, 56.8786, 10.8478
YIQ	190.5230, 74.5570, -35.1310

Conversions

Conversions Part 2

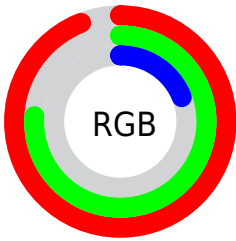
Format	Color
R _Y B	110, 240, 48
Decimal	15778096
CIE Lab	80.11, 3.74, 72.99
CIE LCh	80, 73.088, 87.067
Yxy	56.8786, 0.4506, 0.4614
Android (android.graphics.Color)	4293968176 (0xFFFF0C130)
YUV	190.5230, -70.2638, 43.3913
Hunter-Lab	75.4179, -0.5318, 44.2645

Details

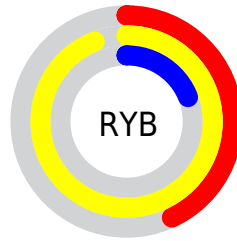
The Hex color **F0C130** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **305FF0**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFF96B**, and **B38C00** is the 20% darker color. If you saturate the color by 10%, you get **F0BB18**, and if you desaturate by 10%, it is **F0C748**.

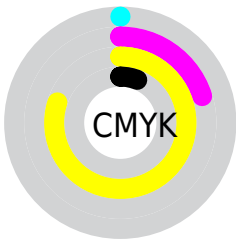
Distribution



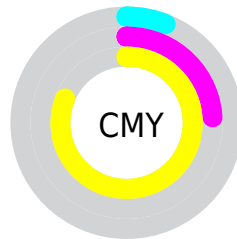
- Red (94%)
- Green (76%)
- Blue (19%)



- Red (43%)
- Yellow (94%)
- Blue (19%)



- Cyan (0%)
- Magenta (20%)
- Yellow (80%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0C130 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 F0C130 by changing the saturation by 10% instead.

 F0C130

 F0C130

FFFFFF

 D1A602

 FFF96B

 B38C00

 FFFF87

 967300

 FFFFA3

 795A00

 FFFF00

 5C4300

 FFFFDD

 412D00

 FFFF6A

 281900

 0A0000

 000000

 F0C130

 F0C130

 F0BB18

 F0C748

 F0B500

 F0CD60

 F0D378

 F0D890

 F0DEA8

 F0E4C0

 F0EAD8

 F0F0F0

 F0F6FF

Harmonies

Analogous

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



FFA753



F0C130



ADD542

Triad

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



F0C130



00E7FF



FF9AFF

Complementary

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



F0C130



305FF0

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.



BCB7FF



F0C130



00E0FF

Square

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



F0C130



00E7BE



00D0FF



FF87D0

Rectangle

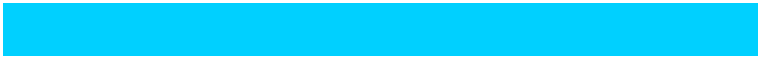
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0C130



75DE64



00D0FF



FBA4FF

Sweetspot

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



F0C130



FFF0C2



F03060



80765B



000000



808080

Same Dimension

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



F0C130



FFC30A



C0F030



78756C



B88B00



382A00

Inverse Universe

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



305FF0



0A46FF



6030F0



6C6F78



002DB8



000E38

Previews

White Background



This preview shows how the Hex color F0C130 looks on a white background.

Color Contrast Check

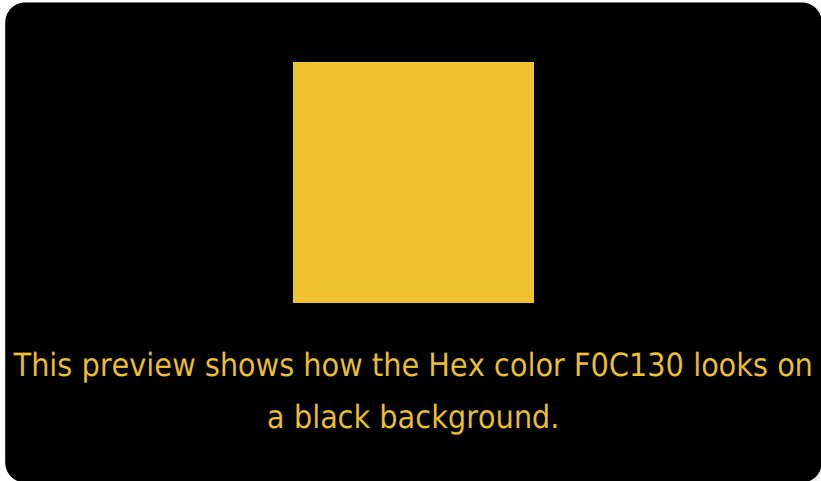
Large Text (above 18pt) WCAG AA × Fail

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 F0C130 Background



This preview shows how black text looks on a background with the Hex color F0C130.



This preview shows how white text looks on a background with the Hex color F0C130.

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
F0C130

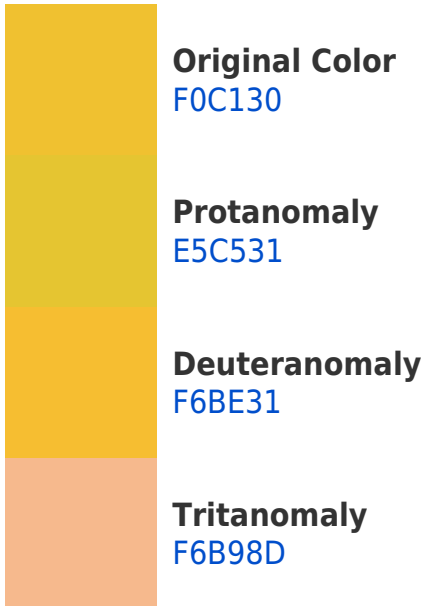
Protanopia
DFC732

Deuteranopia
FABD32

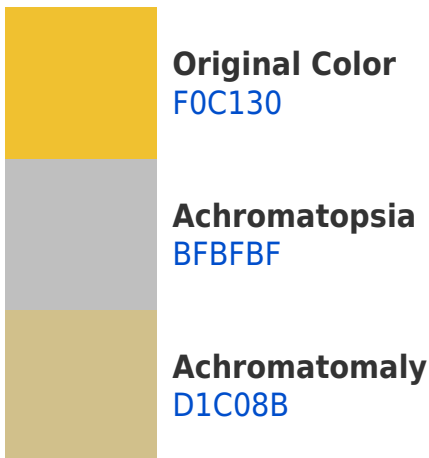


Tritanopia
FAB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0C130 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 #F0C130 looks like.

```
.text, #text, p{  
    color:#F0C130  
}
```

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 #F0C130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0C130
}
```

Border

The CSS property to change the border of an element to Hex F0C130 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
#F0C130 }
```

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

```
.border{ border-color:#F0C130 }
```

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

Here you see how a box with a 4 pixel #F0C130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0C130; -webkit-box-shadow:4px 4px  
4px 4px #F0C130; box-shadow:4px 4px 4px  
4px #F0C130 }
```

Background

The CSS property to change the background color of an element to Hex F0C130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0C130 }
```

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

```
.background{ background-color:#F0C130 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor