

Converting Colors

Hex(F29130)

Have a look what the booklet for
Hex(F29130) contains.

Hex(F29130)	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(F29130)

Conversions

Conversions Part 1

Format	Color
Hex	F29130
RGB	242, 145, 48
RGB Percent	95%, 57%, 19%
CMY	0.0510, 0.4314, 0.8118
CMYK	0.00, 0.40, 0.80, 0.05
HSL	30°, 88%, 57%
HSV	30°, 80%, 95%
XYZ	47.2768, 39.3414, 7.8982
YIQ	162.9450, 88.9490, -9.6030

Conversions

Conversions Part 2

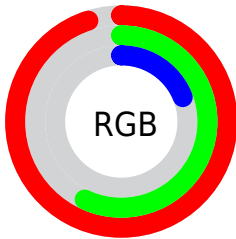
Format	Color
R _Y B	242, 242, 48
Decimal	15896880
CIE Lab	69.00, 29.79, 63.14
CIE LCh	69, 69.814, 64.739
Yxy	39.3414, 0.5002, 0.4162
Android (android.graphics.Color)	4294086960 (0xFFFF29130)
YUV	162.9450, -56.6679, 69.3312
Hunter-Lab	62.7228, 24.7783, 36.4400

Details

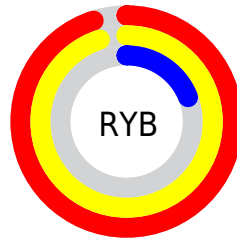
The Hex color **F29130** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3091F2**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFC766**, and **B45E00** is the 20% darker color. If you saturate the color by 10%, you get **F28518**, and if you desaturate by 10%, it is **F29D48**.

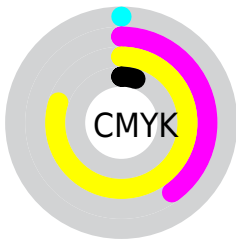
Distribution



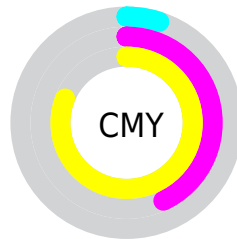
- Red (95%)
- Green (57%)
- Blue (19%)



- Red (95%)
- Yellow (95%)
- Blue (19%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color F29130 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 F29130 by changing the saturation by 10% instead.

 F29130

 F29130

FFFFFF

 D37710

 FFC766

 B45E00

 FFE481

 964500

 FFFF9C

 782E00

 FFFFB8

 5A1600

 FFFFD4

 3E0000

 FFFFF1

 270001

 000000

 F29130

 F29130

 F28518

 F29D48

 F27900

 F2A960

 F2B579

 F2C191

 F2CDA9

 F2DAC1

 F2E6D9

 F2F2F2

 F2FEFF

Harmonies

Analogous

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



FF7764



F29130



BFA910

Triad

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



F29130



00C6B1



B793FF

Complementary

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



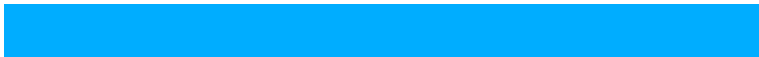
F29130



3091F2

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.



00ADFF



F29130



00C5EF

Square

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



F29130



00C270



00BDFE



FC77E0

Rectangle

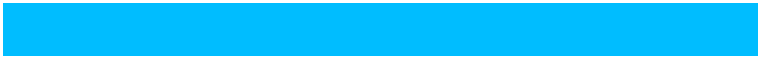
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F29130



95B425



00BDFF



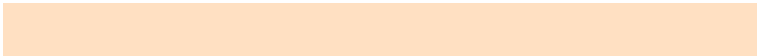
939CFF

Sweetspot

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



F29130



FFE0C2



F23091



806D5B



000000



808080

Same Dimension

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



F29130



FF850A



F2F230



78726C



B85C00



381C00

Inverse Universe

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



3091F2



0A85FF



3030F2



6C7278



005CB8



001C38

Previews

White Background



This preview shows how the Hex color F29130 looks on a white background.

Color Contrast Check

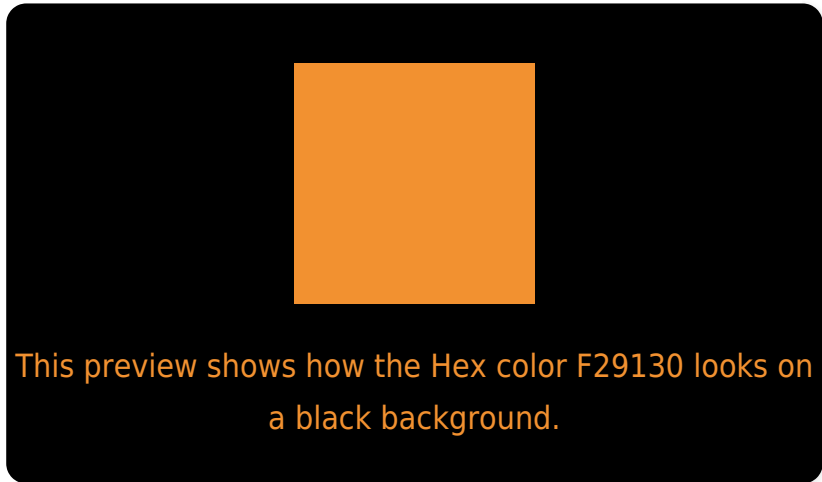
Large Text (above 18pt) WCAG AA × Fail

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 F29130 Background



This preview shows how black text looks on a background with the Hex color F29130.

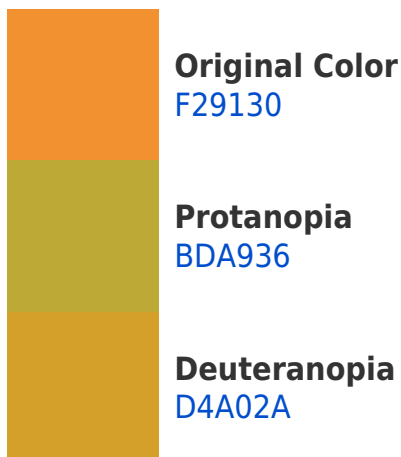


This preview shows how white text looks on a background with the Hex color F29130.

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](#).

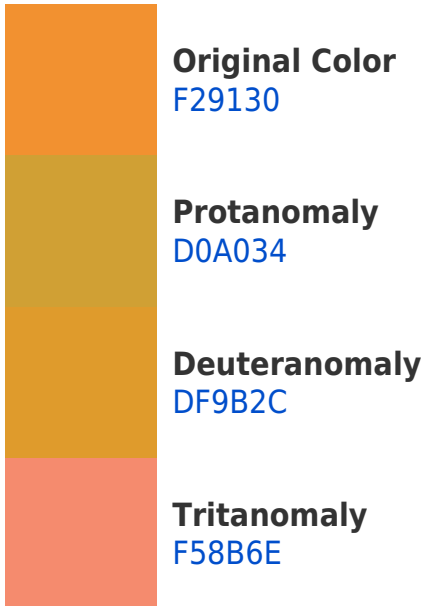
Dichromacy



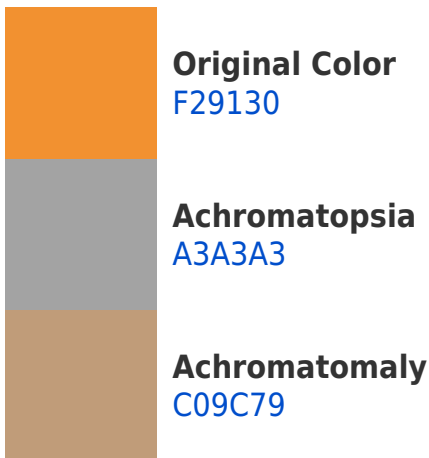


Tritanopia
F78891

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F29130 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 #F29130 looks like.

```
.text, #text, p{  
    color:#F29130  
}
```

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 #F29130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F29130
}
```

Border

The CSS property to change the border of an element to Hex F29130 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
#F29130 }
```

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

```
.border{ border-color:#F29130 }
```

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

Here you see how a box with a 4 pixel #F29130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F29130; -webkit-box-shadow:4px 4px  
4px 4px #F29130; box-shadow:4px 4px 4px  
4px #F29130 }
```

Background

The CSS property to change the background color of an element to Hex F29130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F29130 }
```

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

```
.background{ background-color:#F29130 }
```

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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