

Converting Colors

Hex(F29412)

Have a look what the booklet for
Hex(F29412) contains.

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Color

Hex(F29412)

Conversions

Conversions Part 1

Format	Color
Hex	F29412
RGB	242, 148, 18
RGB Percent	95%, 58%, 7%
CMY	0.0510, 0.4196, 0.9294
CMYK	0.00, 0.39, 0.93, 0.05
HSL	35°, 90%, 51%
HSV	35°, 93%, 95%
XYZ	47.3170, 40.1007, 5.8186
YIQ	161.2860, 97.7540, -20.5020

Conversions

Conversions Part 2

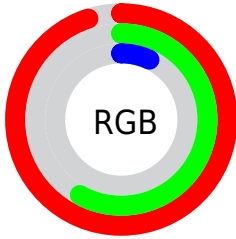
Format	Color
RYB	180, 242, 18
Decimal	15897618
CIELab	69.54, 27.56, 72.15
CIELCh	70, 77.238, 69.093
Yxy	40.1007, 0.5075, 0.4301
Android (android.graphics.Color)	4294087698 (0xFFFF29412)
YUV	161.2860, -70.6400, 70.7862
Hunter-Lab	63.3251, 22.5576, 38.8798

Details

The Hex color **F29412** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1270F2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCA52**, and **B36100** is the 20% darker color. If you saturate the color by 10%, you get **F28C00**, and if you desaturate by 10%, it is **F29E2A**.

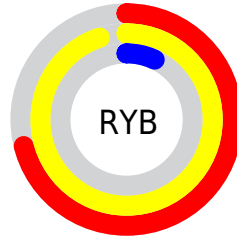
Distribution



Red (95%)

Green (58%)

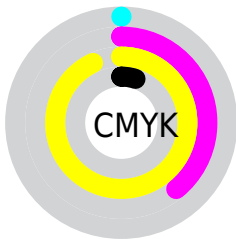
Blue (7%)



Red (71%)

Yellow (95%)

Blue (7%)

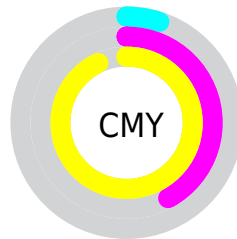


Cyan (0%)

Magenta (39%)

Yellow (93%)

Black (5%)



Cyan (5%)

Magenta (42%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color F29412 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 F29412 by changing the saturation by 10% instead.

 F29412

 F29412

FFFFFF

 D27A00

 FFCA52

 B36100

 FFE76E

 954900

 FFFF89

 773100

 FFFFA5

 5A1A00

 FFFFC2

 3E0300

 FFFFDF

 270001

 FFFFFC

 000000

 F29412

 F29412

 F28C00

 F29E2A

 F2A842

 F2B25B

 F2BD73

 F2C78B

 F2D1A3

 F2DBBB

 F2E5D4

 F2EFEC

Harmonies

Analogous

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



FF7555



F29412



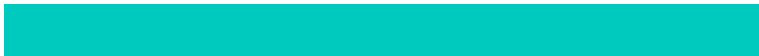
B7AD00

Triad

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



F29412



00CABE



C78DFE

Complementary

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



F29412



1270F2

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.



00ABFF



F29412



00C8FF

Square

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



F29412



00C775



00BFFF



FF6CDD

Rectangle

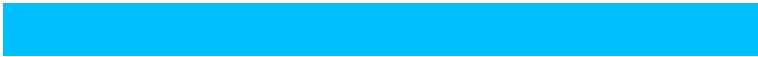
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F29412



87B914



00BFFF



A298FF

Sweetspot

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



F29412



FFE1B8



F21273



806D54



000000



808080

Same Dimension

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



F29412



FF9400



E3F212



78736C



B86B00



382100

Inverse Universe

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



1270F2



006BFF



2112F2



6C7178



004DB8



001838

Previews

White Background



This preview shows how the Hex color F29412 looks on a white background.

Color Contrast Check

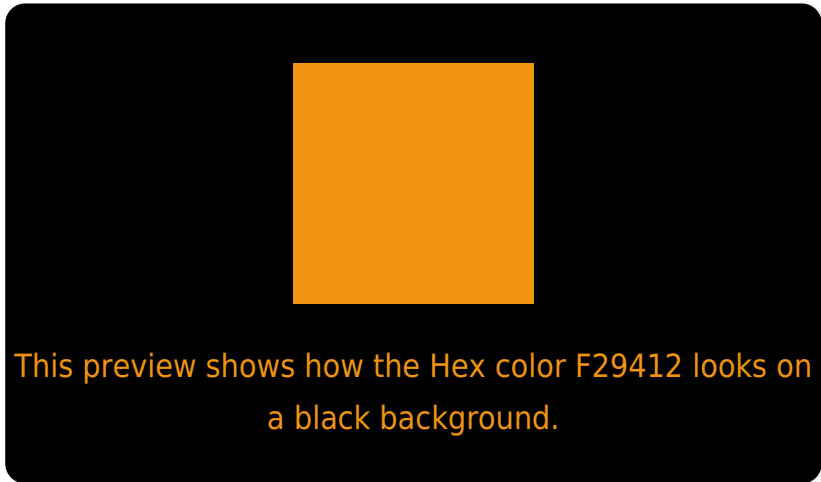
Large Text (above 18pt) WCAG AA × Fail

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 F29412 Background



This preview shows how black text looks on a background with the Hex color F29412.

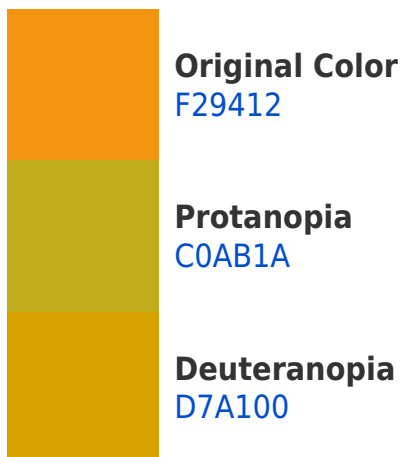


This preview shows how white text looks on a background with the Hex color F29412.

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](#).

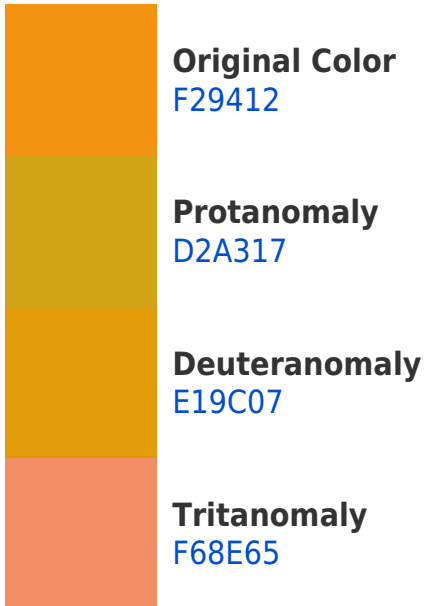
Dichromacy



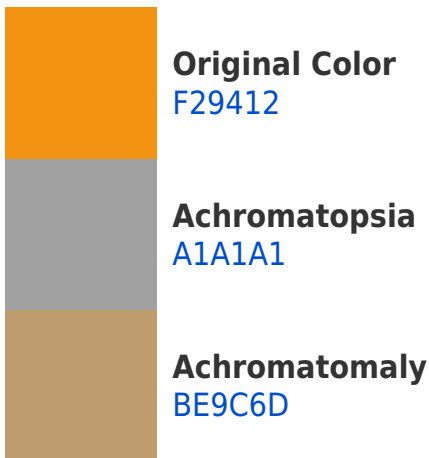


Tritanopia
F88A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F29412 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 #F29412 looks like.

```
.text, #text, p{  
    color:#F29412  
}
```

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 #F29412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F29412
}
```

Border

The CSS property to change the border of an element to Hex F29412 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
#F29412 }
```

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

```
.border{ border-color:#F29412 }
```

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

Here you see how a box with a 4 pixel #F29412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F29412; -webkit-box-shadow:4px 4px  
4px 4px #F29412; box-shadow:4px 4px 4px  
4px #F29412 }
```

Background

The CSS property to change the background color of an element to Hex F29412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F29412 }
```

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

```
.background{ background-color:#F29412 }
```

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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