

Converting Colors

Hex(F29500)

Have a look what the booklet for
Hex(F29500) contains.

Hex(F29500)	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(F29500)

Conversions

Conversions Part 1

Format	Color
Hex	F29500
RGB	242, 149, 0
RGB Percent	95%, 58%, 0%
CMY	0.0510, 0.4157, 1.0000
CMYK	0.00, 0.38, 1.00, 0.05
HSL	37°, 100%, 47%
HSV	37°, 100%, 95%
XYZ	47.3654, 40.3721, 5.2962
YIQ	159.8210, 103.2570, -26.6230

Conversions

Conversions Part 2

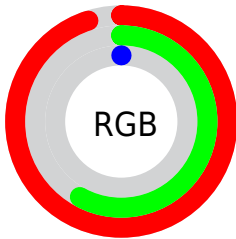
Format	Color
RYB	151, 242, 0
Decimal	15897856
CIELab	69.73, 26.87, 74.81
CIElCh	70, 79.488, 70.245
Yxy	40.3721, 0.5091, 0.4340
Android (android.graphics.Color)	4294087936 (0xFFFF29500)
YUV	159.8210, -78.7918, 72.0710
Hunter-Lab	63.5391, 21.8700, 39.5354

Details

The Hex color **F29500** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **005DF2**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFCB4C**, and **B36200** is the 20% darker color. If you saturate the color by 10%, you get **F29500**, and if you desaturate by 10%, it is **F29E18**.

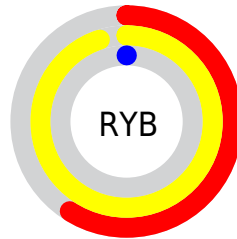
Distribution



Red (95%)

Green (58%)

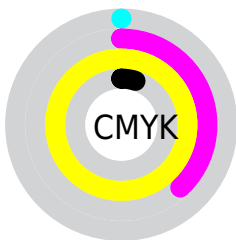
Blue (0%)



Red (59%)

Yellow (95%)

Blue (0%)

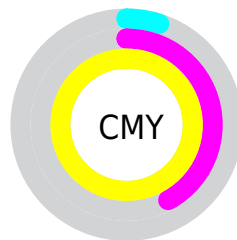


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F29500 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 F29500 by changing the saturation by 10% instead.

 F29500

 F29500

FFFFFF

 D27B00

 FFCB4C

 B36200

 FFE868

 954A00

 FFFF84

 763200

 FFFFA0

 591B00

 FFFFBC

 3E0400

 FFFFD9

 270001

 FFFFF7

 000000

 F29500

 F29E18

 F2A830

 F2B149

 F2BA61

 F2C379

 F2CD91

 F2D6A9

 F2DFC2

 F2E9DA

Harmonies

Analogous

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



FF7450



F29500



B5AF00

Triad

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



F29500



00CBC2



CC8BFF

Complementary

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



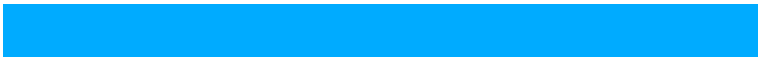
F29500



005DF2

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



F29500



00C9FF

Square

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



F29500



00C877



00BFFF



FF69DD

Rectangle

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



F29500



83BB0D



00BFFF



A797FF

Sweetspot

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



F29500



FFE2B3



F20061



806E52



000000



808080

Same Dimension

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



F29500



FF9D00



DAF200



78736C



B87100



382300

Inverse Universe

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



005DF2



0062FF



1800F2



6C7078



0047B8



001638

Previews

White Background



This preview shows how the Hex color F29500 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 F29500 Background



This preview shows how black text looks on a background with the Hex color F29500.

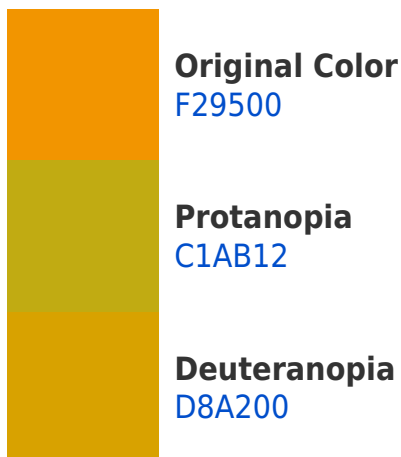


This preview shows how white text looks on a background with the Hex color F29500.

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](#).

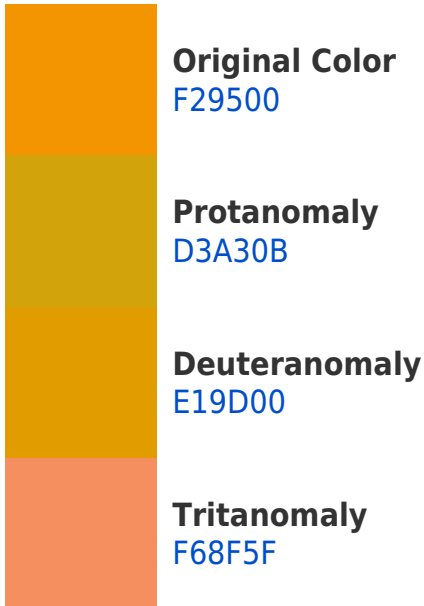
Dichromacy





Tritanopia
F88B95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F29500 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 #F29500 looks like.

```
.text, #text, p{  
    color:#F29500  
}
```

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 #F29500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F29500
}
```

Border

The CSS property to change the border of an element to Hex F29500 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
#F29500 }
```

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

```
.border{ border-color:#F29500 }
```

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

Here you see how a box with a 4 pixel #F29500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F29500; -webkit-box-shadow:4px 4px  
4px 4px #F29500; box-shadow:4px 4px 4px  
4px #F29500 }
```

Background

The CSS property to change the background color of an element to Hex F29500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F29500 }
```

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

```
.background{ background-color:#F29500 }
```

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