

# Converting Colors

Hex(F28500)

Have a look what the booklet for  
Hex(F28500) contains.

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**Color**

**Hex(F28500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F28500
RGB	242, 133, 0
RGB Percent	95%, 52%, 0%
CMY	0.0510, 0.4784, 1.0000
CMYK	0.00, 0.45, 1.00, 0.05
HSL	33°, 100%, 47%
HSV	33°, 100%, 95%
XYZ	45.0055, 35.6523, 4.5095
YIQ	150.4290, 107.6570, -18.2550

# Conversions

## Conversions Part 2

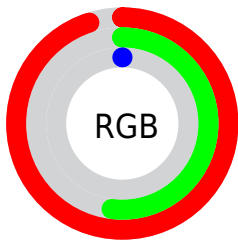
Format	Color
<b>R<sub>Y</sub>B</b>	198, 242, 0
Decimal	15893760
CIE Lab	66.25, 35.17, 72.62
CIE LCh	66, 80.689, 64.157
Yxy	35.6523, 0.5284, 0.4186
Android (android.graphics.Color)	4294083840 (0xFFFF28500)
YUV	150.4290, -74.1615, 80.3078
Hunter-Lab	59.7095, 30.0509, 37.3188

# Details

The Hex color **F28500** is a dark color, and the websafe version is hex **FF9900**, and the color name is **tangerine**. The color can be described as dark saturated orange. A complement of this color would be **006DF2**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFBB49**, and **B35200** is the 20% darker color. If you saturate the color by 10%, you get **F28500**, and if you desaturate by 10%, it is **F29018**.

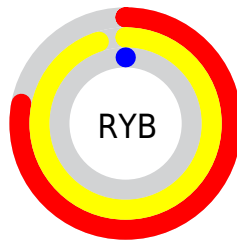
# Distribution



Red (95%)

Green (52%)

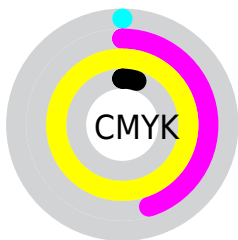
Blue (0%)



Red (78%)

Yellow (95%)

Blue (0%)

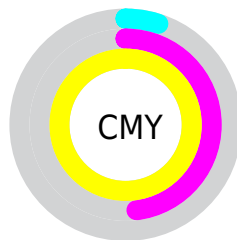


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F28500 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 F28500 by changing the saturation by 10% instead.



 F28500

 F28500

FFFFFF

 D26B00

 FFBB49

 B35200

 FFD764

 943900

 FFF480

 752100

 FFFF9C

 580500

 FFFFB8

 3C0000

 FFFFD5

 210001

 FFFFF2

 000000

 F28500

 F29018

 F29B30

 F2A649

 F2B161

 F2BB79

 F2C691

 F2D1A9

 F2DCC2

 F2E7DA

# Harmonies

## Analogous

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



FF6254



F28500



B8A100

# Triad

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



F28500



00C1A9



AC89FF

# Complementary

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



F28500



006DF2

# 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.



00A7FF



F28500



00C1F1

# Square

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



F28500



00BD5E



00B9FF



FF63E2

# Rectangle

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



F28500



89AE00



00B9FF



7E94FF



# Sweetspot

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



F28500



FFDDB3



F20071



806B52



000000



808080



# Same Dimension

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



F28500



FF8C00



EAF200



78726C



B86500



381F00



# Inverse Universe

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



006DF2



0073FF



0800F2



6C7178



0053B8



001938



# Previews

## White Background



This preview shows how the Hex color F28500 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 F28500 Background



This preview shows how black text looks on a background with the Hex color F28500.

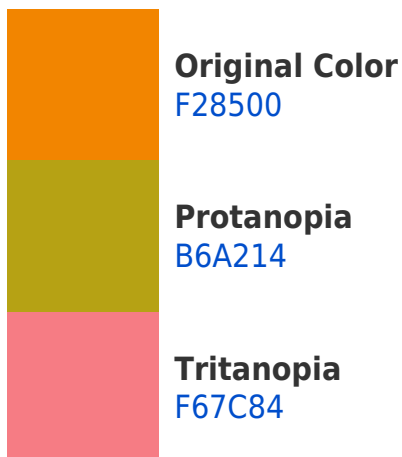


This preview shows how white text looks on a background with the Hex color F28500.

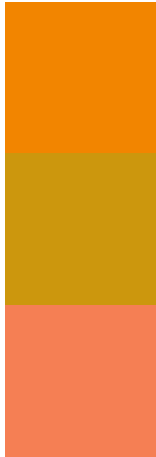
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
F28500

**Protanomaly**  
CC970D

**Tritanomaly**  
F57F54

# Monochromacy



**Original Color**  
F28500

**Achromatopsia**  
969696

**Achromatomaly**  
B7905F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F28500 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 #F28500 looks like.

```
.text, #text, p{  
    color:#F28500  
}
```

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 #F28500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F28500
}
```

## Border

The CSS property to change the border of an element to Hex F28500 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
#F28500 }
```

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

```
.border{ border-color:#F28500 }
```

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

Here you see how a box with a 4 pixel #F28500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F28500; -webkit-box-shadow:4px 4px  
4px 4px #F28500; box-shadow:4px 4px 4px  
4px #F28500 }
```

# Background

The CSS property to change the background color of an element to Hex F28500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F28500 }
```

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

```
.background{ background-color:#F28500 }
```

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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