

# Converting Colors

Hex(FF7C29)

Have a look what the booklet for  
Hex(FF7C29) contains.

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# **Color**

**Hex(F77C29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7C29
RGB	255, 124, 41
RGB Percent	100%, 49%, 16%
CMY	0.0000, 0.5137, 0.8392
CMYK	0.00, 0.51, 0.84, 0.00
HSL	23°, 100%, 58%
HSV	23°, 84%, 100%
XYZ	48.8479, 35.8354, 6.4402
YIQ	153.7070, 104.7190, 1.9590

# Conversions

## Conversions Part 2

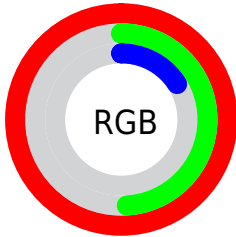
Format	Color
R <sub>Y</sub> B	255, 177, 41
Decimal	16743465
CIE Lab	66.39, 45.36, 64.13
CIE LCh	66, 78.552, 54.731
Yxy	35.8354, 0.5361, 0.3933
Android (android.graphics.Color)	4294933545 (0xFFFF7C29)
YUV	153.7070, -55.5646, 88.8340
Hunter-Lab	59.8627, 40.8962, 35.5253

# Details

The Hex color **FF7C29** is a dark color, and the websafe version is hex **FF6600**. The color can be described as middle washed orange. A complement of this color would be **29ACFF**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB35E**, and **BF4700** is the 20% darker color. If you saturate the color by 10%, you get **FF6C10**, and if you desaturate by 10%, it is **FF8C42**.

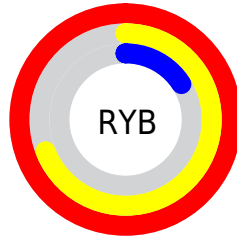
# Distribution



Red (100%)

Green (49%)

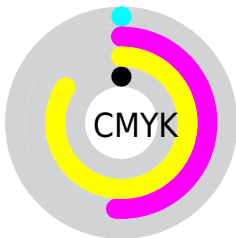
Blue (16%)



Red (100%)

Yellow (69%)

Blue (16%)

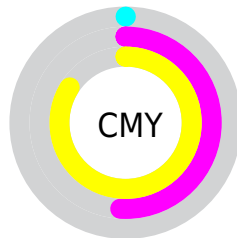


Cyan (0%)

Magenta (51%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF7C29 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 FF7C29 by changing the saturation by 10% instead.



 FF7C29

 FF7C29

FFFFFF

 DF6206

 FFB35E

 BF4700

 FFCF79

 A02D00

 FFEC94

 800D00

 FFFFB0

 620000

 FFFFCC

 450000

 FFFFEE

 2A0001

 000000

 FF7C29

 FF7C29

 FF6C10

 FF8C42

 FF6300

 FF9B5C

 FFAB76

 FFBA8F

 FFCAA9

 FFDAC2

 FFE9DC

 FFF9F5

FFFFFF

# Harmonies

## Analogous

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



FF5C6B



FF7C29



CC9A00

# Triad

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



FF7C29



00C092



8494FF

# Complementary

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



FF7C29



29ACFF

# 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.



00AEFF



FF7C29



00C1DB

# Square

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



FF7C29



00BB49



00BCFF



E971F4

# Rectangle

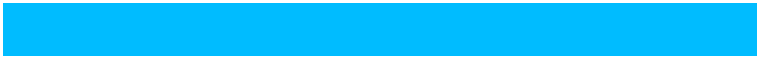
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF7C29



A1A900



00BCFF



3D9EFF



# Sweetspot

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



FF7C29



FFD8BF



FF29AD



806859



000000



808080



# Same Dimension

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



FF7C29



FF6300



FFE629



807873



BF4A00



401900

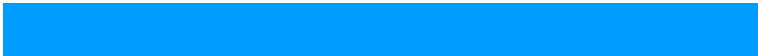


# Inverse Universe

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



29ACFF



009CFF



2942FF



737B80



0075BF



002740



# Previews

## White Background



This preview shows how the Hex color FF7C29 looks on a white background.

## Color Contrast Check

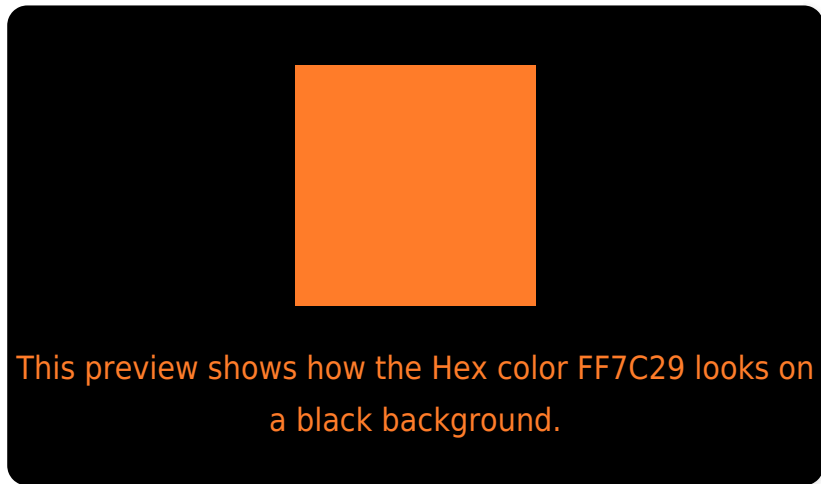
Large Text (above 18pt) WCAG AA × Fail

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 FF7C29 Background



This preview shows how black text looks on a background with the Hex color FF7C29.

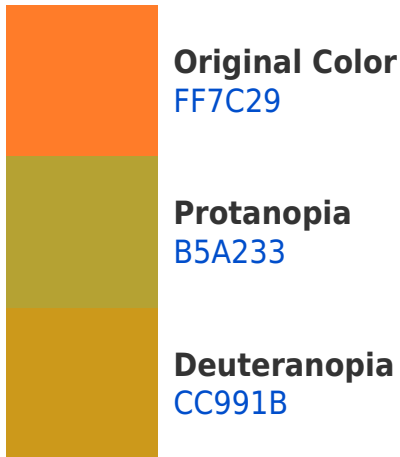


This preview shows how white text looks on a background with the Hex color FF7C29.

# 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**  
FF767E

# Trichromacy



**Original Color**  
FF7C29

**Protanomaly**  
D0942F

**Deuteranomaly**  
DF8E20

**Tritanomaly**  
FF785F

# Monochromacy



**Original Color**  
FF7C29

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
BF8F71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF7C29 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 #FF7C29 looks like.

```
.text, #text, p{  
    color:#FF7C29  
}
```

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 #FF7C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7C29
}
```

## Border

The CSS property to change the border of an element to Hex FF7C29 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
#FF7C29 }
```

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

```
.border{ border-color:#FF7C29 }
```

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

Here you see how a box with a 4 pixel #FF7C29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7C29; -webkit-box-shadow:4px 4px  
4px 4px #FF7C29; box-shadow:4px 4px 4px  
4px #FF7C29 }
```

# Background

The CSS property to change the background color of an element to Hex FF7C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7C29 }
```

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

```
.background{ background-color:#FF7C29 }
```

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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