

Converting Colors

Hex(FF7500)

Have a look what the booklet for
Hex(FF7500) contains.

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Color

Hex(F7500)

Conversions

Conversions Part 1

Format	Color
Hex	FF7500
RGB	255, 117, 0
RGB Percent	100%, 46%, 0%
CMY	0.0000, 0.5412, 1.0000
CMYK	0.00, 0.54, 1.00, 0.00
HSL	28°, 100%, 50%
HSV	28°, 100%, 100%
XYZ	47.6013, 33.9826, 4.0504
YIQ	144.9240, 119.8050, -7.1310

Conversions

Conversions Part 2

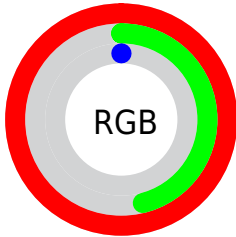
Format	Color
R _Y B	255, 216, 0
Decimal	16741632
CIE Lab	64.95, 48.15, 72.80
CIE LCh	65, 87.285, 56.520
Yxy	33.9826, 0.5559, 0.3968
Android (android.graphics.Color)	4294931712 (0xFFFF7500)
YUV	144.9240, -71.4475, 96.5367
Hunter-Lab	58.2946, 43.7413, 36.6866

Details

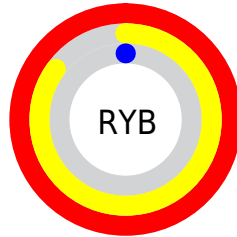
The Hex color **FF7500** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **008AFF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFAC47**, and **BE4000** is the 20% darker color. If you saturate the color by 10%, you get **FF7500**, and if you desaturate by 10%, it is **FF8319**.

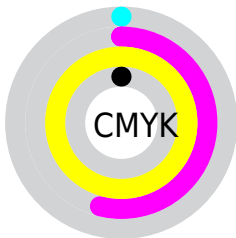
Distribution



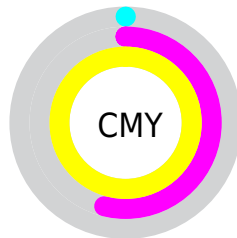
- Red (100%)
- Green (46%)
- Blue (0%)



- Red (100%)
- Yellow (85%)
- Blue (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7500 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 FF7500 by changing the saturation by 10% instead.

 FF7500

 FF7500

FFFFFF

 DE5A00

 FFAC47

 BE4000

 FFC862

 9E2400

 FFE57D

 7F0000

 FFFF99

 610000

 FFFFB5

 440000

 FFFFD2

 280001

 FFFFEE

 000000

 FF7500

 FF8319

 FF9133

 FF9E4D

 FFAC66

 FFBA80

 FFC899

 FFD6B3

 FFE3CC

 FFF1E6

Harmonies

Analogous

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



FF4B5D



FF7500



C69700

Triad

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



FF7500



00BF92



808DFF

Complementary

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



FF7500



008AFF

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.



00AAFF



FF7500



00BFE2

Square

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



FF7500



00B93F



00BAFF



F162F5

Rectangle

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



FF7500



96A700



00BAFF



1898FF

Sweetspot

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



FF7500



FFD6B3



FF008C



806752



000000



808080

Same Dimension

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



FF7500



FFF200



807973



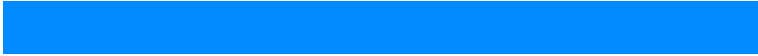
BF5800



401D00

Inverse Universe

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



008AFF



000DFF



737A80



0068BF



002340

Previews

White Background



This preview shows how the Hex color FF7500 looks on a white background.

Color Contrast Check

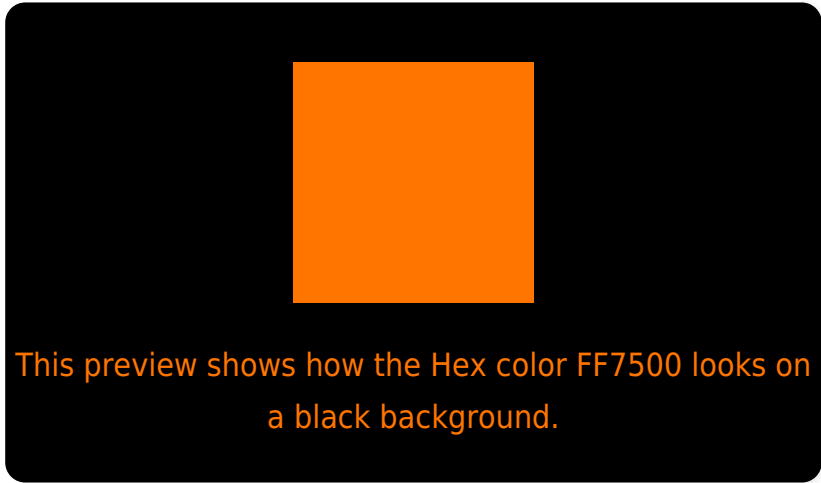
Large Text (above 18pt) WCAG AA × Fail

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 FF7500 Background



This preview shows how black text looks on a background with the Hex color FF7500.



This preview shows how white text looks on a background with the Hex color FF7500.

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



Original Color
FF7500

Protanopia
B29E17

Deuteranopia
C89600



Tritanopia
FF6F76

Trichromacy



Original Color
FF7500

Protanomaly
CE8F0F

Deuteranomaly
DC8A00

Tritanomaly
FF714B

Monochromacy



Original Color
FF7500

Achromatopsia
919191

Achromatomaly
B9875C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7500 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 #FF7500 looks like.

```
.text, #text, p{  
    color:#FF7500  
}
```

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 #FF7500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7500
}
```

Border

The CSS property to change the border of an element to Hex FF7500 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
#FF7500 }
```

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

```
.border{ border-color:#FF7500 }
```

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

Here you see how a box with a 4 pixel #FF7500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7500; -webkit-box-shadow:4px 4px  
4px 4px #FF7500; box-shadow:4px 4px 4px  
4px #FF7500 }
```

Background

The CSS property to change the background color of an element to Hex FF7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7500 }
```

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

```
.background{ background-color:#FF7500 }
```

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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