Converting Colors

RGB(255, 124, 0)

Have a look what the booklet for RGB(255, 124, 0) contains.

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Color

RGB(255, 124, 0)

Conversions

Conversions Part 1

Format	Color
Hex	FF7C00
RGB	255, 124, 0
RGB Percent	100%, 49%, 0%
CMY	0.0000, 0.5137, 1.0000
CMYK	0.00, 0.51, 1.00, 0.00
HSL	29°, 100%, 50%
HSV	29°, 100%, 100%
XYZ	48.4477, 35.6753, 4.3326
YIQ	149.0330, 117.8800, -10.7920

Conversions

Conversions Part 2

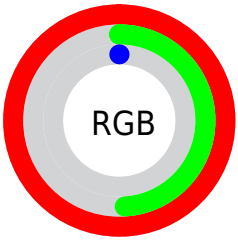
Format	Color
RYB	255, 241, 0
Decimal	16743424
CIELab	66.27, 44.79, 73.57
CIELCh	66, 86.129, 58.666
Yxy	35.6753, 0.5477, 0.4033
Android (android.graphics.Color)	4294933504 (0xFFFF7C00)
YUV	149.0330, -73.4733, 92.9331
Hunter-Lab	59.7288, 40.2608, 37.5094

Details

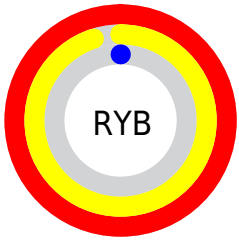
The RGB color 255, 124, 0 is a dark color, and the websafe version is hex FF6600. The color can be described as dark saturated orange. A complement of this color would be 0, 131, 255, and the grayscale version is 150, 150, 150.

A 20% lighter version of the original color is 255, 178, 72, and 190, 72, 0 is the 20% darker color. If you saturate the color by 10%, you get 255, 124, 0, and if you desaturate by 10%, it is 255, 137, 25.

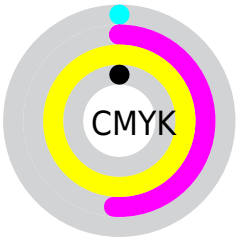
Distribution



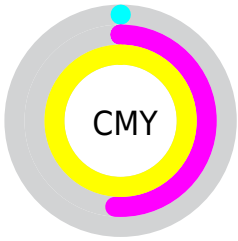
- Red (100%)
- Green (49%)
- Blue (0%)



- Red (100%)
- Yellow (95%)
- Blue (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 124, 0 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 RGB color 255, 124, 0 by changing the saturation by 10% instead.

255, 124, 0	255, 124, 0
255, 255, 255	222, 98, 0
255, 178, 72	190, 72, 0
255, 207, 100	159, 45, 0
255, 235, 127	127, 15, 0
255, 255, 155	97, 0, 0
255, 255, 183	68, 0, 0
255, 255, 212	42, 0, 1
255, 255, 241	0, 0, 0

255, 124, 0

255, 137, 25

255, 150, 51

255, 163, 77

255, 176, 102

255, 190, 128

255, 203, 153

255, 216, 179

255, 229, 204

255, 242, 230

Harmonies

Analogous

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

255, 84, 92

255, 124, 0

197, 157, 0

Triad

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

255, 124, 0

0, 194, 155

145, 142, 255

Complementary

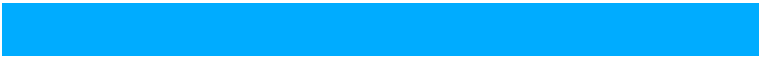
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

255, 124, 0

0, 131, 255

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.



0, 172, 255

255, 124, 0

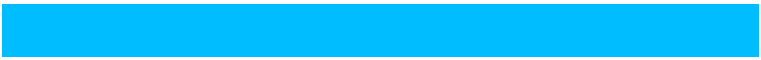
0, 195, 234

Square

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

255, 124, 0

0, 189, 74



0, 189, 255

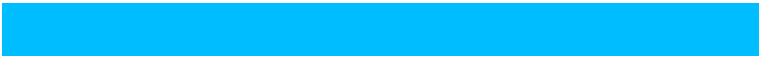
249, 100, 243

Rectangle

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

255, 124, 0

149, 172, 0



0, 189, 255

75, 154, 255

Sweetspot

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

255, 124, 0

255, 216, 179

255, 0, 132

128, 104, 82

0, 0, 0

128, 128, 128

Same Dimension

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

255, 124, 0

255, 251, 0

128, 121, 115

191, 93, 0

64, 31, 0

Inverse Universe

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

0, 131, 255

0, 4, 255

115, 121, 128

0, 98, 191

0, 33, 64

Previews

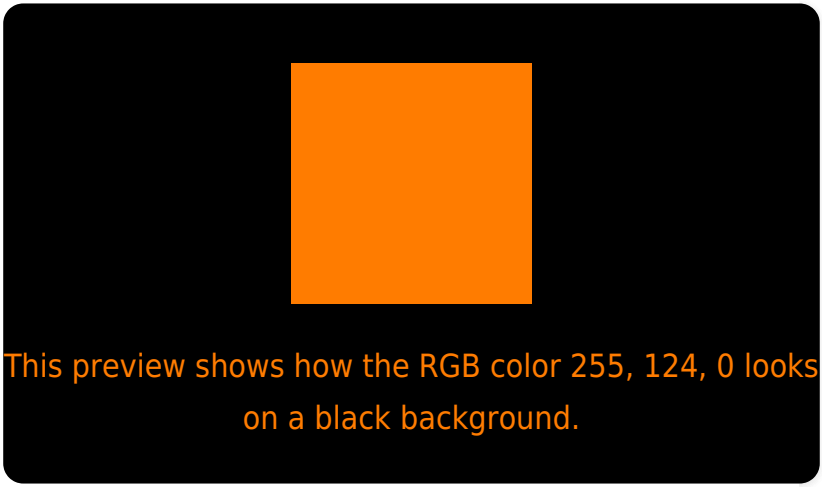
White Background

This preview shows how the RGB color 255, 124, 0 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.

RGB 255, 124, 0 Background

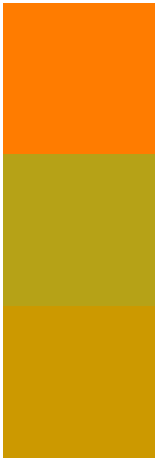
This preview shows how black text looks on a background with the RGB color 255, 124, 0.

This preview shows how white text looks on a background with the RGB color 255, 124, 0.

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



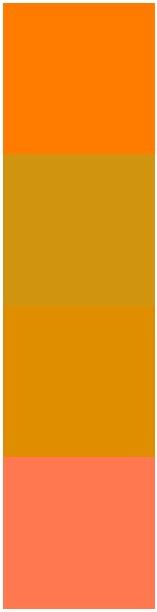
Original Color
255, 124, 0

Protanopia
182, 162, 23

Deuteranopia
204, 153, 0

Tritanopia
255, 118, 125

Trichromacy



Original Color
255, 124, 0

Protanomaly
209, 148, 15

Deuteranomaly
223, 142, 0

Tritanomaly
255, 120, 80

Monochromacy

Original Color
255, 124, 0

Achromatopsia
149, 149, 149

Achromatomaly
188, 140, 95

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 124, 0 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 rgb(255, 124, 0) looks like.

```
.text, #text, p{
    color:rgb(255, 124, 0)
}
```

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 rgb(255, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 0) }
```

Border

The CSS property to change the border of an element to RGB 255, 124, 0 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 rgb(255, 124, 0) }
```

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

```
.border{ border-color:rgb(255, 124, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 124, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 124, 0); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 124, 0); box-shadow:4px 4px 4px 4px rgb(255, 124, 0) }
```

Background

The CSS property to change the background color of an element to RGB 255, 124, 0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(255, 124, 0) }
```

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

```
.background{ background-color:rgb(255,
124, 0) }
```

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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