

Converting Colors

Android(4294933760)

Have a look what the booklet for
Android(4294933760) contains.

Android(4294933760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Android(4294933760)

Conversions

Conversions Part 1

Format	Color
Hex	FF7D00
RGB	255, 125, 0
RGB Percent	100%, 49%, 0%
CMY	0.0000, 0.5098, 1.0000
CMYK	0.00, 0.51, 1.00, 0.00
HSL	29°, 100%, 50%
HSV	29°, 100%, 100%
XYZ	48.5736, 35.9272, 4.3745
YIQ	149.6200, 117.6050, -11.3150

Conversions

Conversions Part 2

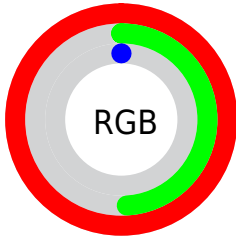
Format	Color
RYB	255, 245, 0
Decimal	16743680
CIELab	66.46, 44.30, 73.68
CIELCh	66, 85.974, 58.982
Yxy	35.9272, 0.5465, 0.4042
Android (android.graphics.Color)	4294933760 (0xFFFF7D00)
YUV	149.6200, -73.7627, 92.4183
Hunter-Lab	59.9393, 39.7590, 37.6304

Details

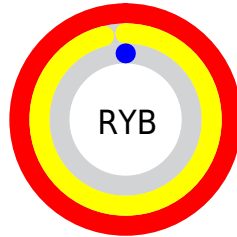
The Android color **4294933760** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **4278223615**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4294947656**, and **4290660608** is the 20% darker color. If you saturate the color by 10%, you get **4294933760**, and if you desaturate by 10%, it is **4294937113**.

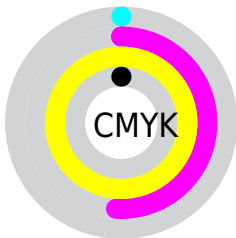
Distribution



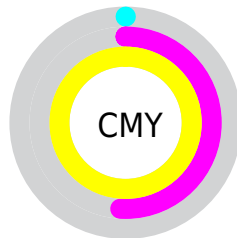
- Red (100%)
- Green (49%)
- Blue (0%)



- Red (100%)
- Yellow (96%)
- Blue (0%)



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



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

Brightness & Saturation Gradients

These gradients show how the Android color 4294933760 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 Android color 4294933760 by changing the saturation by 10% instead.

 4294933760

 4294933760

4294967295

 4292764416

 4294947656

 4290660608

 4294955108

 4288622080

 4294962303

 4286583040

 4294967195

 4284547072

 4294967223

 4282646528

 4294967252

 4280942593

 4294967281

 4278190080

 4294933760

 4294937113

 4294940467

 4294943821

 4294947174

 4294950528

 4294953881

 4294957235

 4294960588

 4294963942

Harmonies

Analogous

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



4294923612



4294933760



4291141120

Triad

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



4294933760



4278240157



4287860479

Complementary

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



4294933760



4278223615

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.



4278234367



4294933760



4278240235

Square

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



4294933760



4278238795



4278238719



4294599923

Rectangle

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



4294933760



4287933696



4278238719



4283407103

Sweetspot

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



4294933760



4294957235



4294901892



4286605394



4278190080



4286611584

Same Dimension

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



4294933760



4294966016



4286609779



4290731520



4282392320

Inverse Universe

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



4278223615



4278191359



4285757824



4278215359



4278198592

Previews

White Background



This preview shows how the Android color 4294933760 looks on a white background.

Color Contrast Check

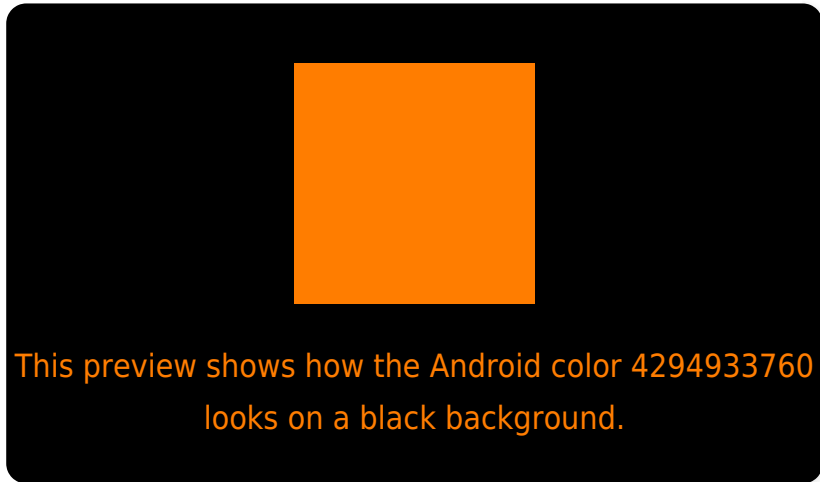
Large Text (above 18pt) WCAG AA × Fail

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](#).

Android 4294933760 Background



This preview shows how black text looks on a background with the Android color 4294933760.



This preview shows how white text looks on a background with the Android color 4294933760.

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

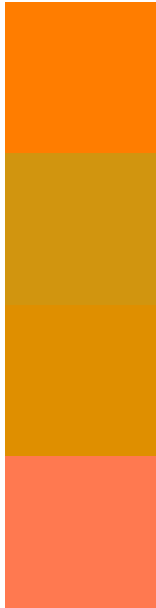


Original Color
4294933760

Protanopia
4290224919

Deuteranopia
4291664384

Trichromacy



Original Color
4294933760

Protanomaly
4291925263

Deuteranomaly
4292841216

Tritanomaly
4294932816

Monochromacy



Original Color
4294933760

Achromatopsia
4288059030

Achromatomaly
4290547039

CSS Examples

Text

The CSS property to change the color of the text to Android 4294933760 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, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 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, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 0) }
```

Border

The CSS property to change the border of an element to Android 4294933760 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, 125, 0) }
```

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

```
.border{ border-color:rgb(255, 125, 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, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4294933760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 0) }
```

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

```
.background{ background-color: rgb(255,  
125, 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](#).

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