

Converting Colors

Android(4294870031)

Have a look what the booklet for
Android(4294870031) contains.

Android(4294870031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4294870031)

Conversions

Conversions Part 1

Format	Color
Hex	FE840F
RGB	254, 132, 15
RGB Percent	100%, 52%, 6%
CMY	0.0039, 0.4824, 0.9412
CMYK	0.00, 0.48, 0.94, 0.00
HSL	29°, 99%, 53%
HSV	29°, 94%, 100%
XYZ	49.2105, 37.6078, 5.1173
YIQ	155.1400, 110.2690, -10.5230

Conversions

Conversions Part 2

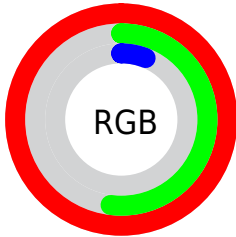
Format	Color
R_{YB}	254, 244, 15
Decimal	16679951
CIE _{Lab}	67.73, 40.58, 72.19
CIE _{LCh}	68, 82.814, 60.655
Yxy	37.6078, 0.5353, 0.4091
Android (android.graphics.Color)	4294870031 (0xFFFE840F)
YUV	155.1400, -69.0890, 86.7002
Hunter-Lab	61.3252, 35.9185, 37.9802

Details

The Android color **4294870031** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **4279208446**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4294949455**, and **4290662400** is the 20% darker color. If you saturate the color by 10%, you get **4294867968**, and if you desaturate by 10%, it is **4294873384**.

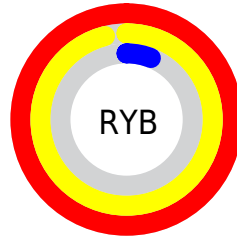
Distribution



Red (100%)

Green (52%)

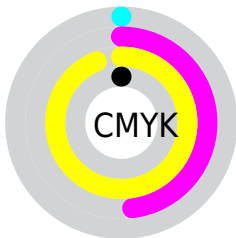
Blue (6%)



Red (100%)

Yellow (96%)

Blue (6%)

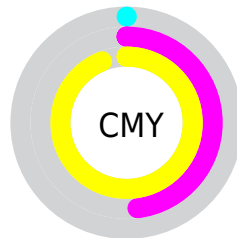


Cyan (0%)

Magenta (48%)

Yellow (94%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294870031 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 4294870031 by changing the saturation by 10% instead.



4294870031



4294870031

4294967295



4292766208



4294949455



4290662400



4294956906



4288558848



4294964102



4286520320



4294967201



4284547072



4294967230



4282712064



4294967258



4281008129



4294967288



4278190080



4294870031



4294870031

4294867968

4294873384

4294876738

4294880091

4294883445

4294886798

4294890151

4294893505

4294896858

4294900212

Harmonies

Analogous

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



4294926430



4294870031



4291142144

Triad

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



4294870031



4278240933



4288778495

Complementary

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



4294870031



4279208446

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.



4278234879



4294870031



4278241008

Square

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



4294870031



4278239575



4278239231



4294863344

Rectangle

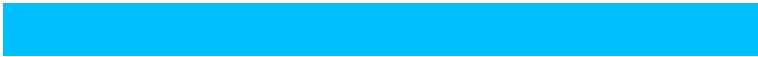
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294870031



4288000256



4278239231



4285176831

Sweetspot

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



4294870031



4294958008



4294840202



4286605652



4278190080



4286611584

Same Dimension

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



4294870031



4294933760



4294900239



4286609779



4290731520



4282392320

Inverse Universe

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



4279208446



4278223615



4279178238



4285757824



4278215359



4278198592

Previews

White Background



This preview shows how the Android color 4294870031 looks on a white background.

Color Contrast Check

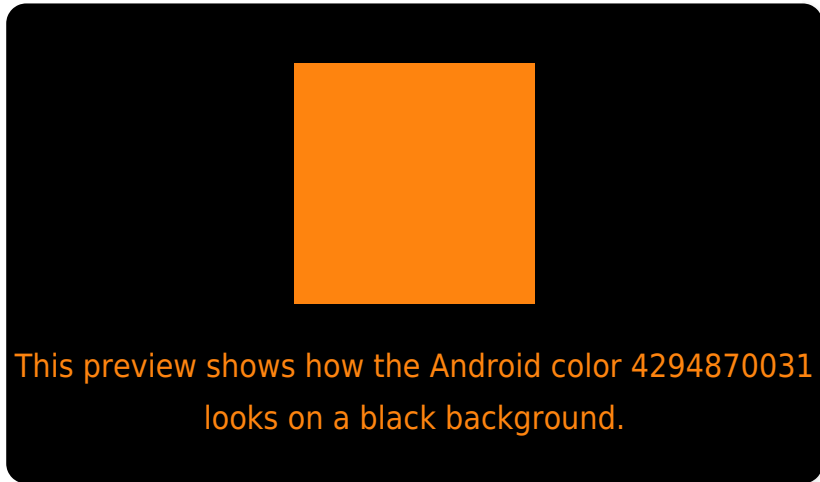
Large Text (above 18pt) WCAG AA × Fail

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 4294870031 Background



This preview shows how black text looks on a background with the Android color 4294870031.



This preview shows how white text looks on a background with the Android color 4294870031.

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
4294870031

Protanopia
4290422299

Deuteranopia
4291927296

Trichromacy



Original Color
4294870031

Protanomaly
4292057623

Deuteranomaly
4292973573

Tritanomaly
4294934618

Monochromacy



Original Color
4294870031

Achromatopsia
4288387995

Achromatomaly
4290745192

CSS Examples

Text

The CSS property to change the color of the text to Android 4294870031 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(254, 132, 15)` looks like.

```
.text, #text, p{  
    color:rgb(254, 132, 15)  
}
```

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(254, 132, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 132, 15) }
```

Border

The CSS property to change the border of an element to Android 4294870031 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(254, 132, 15) }
```

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

```
.border{ border-color:rgb(254, 132, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 132, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 132, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 132, 15);  
box-shadow:4px 4px 4px 4px rgb(254, 132,  
15) }
```

Background

The CSS property to change the background color of an element to Android 4294870031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 132, 15) }
```

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

```
.background{ background-color: rgb(254,  
132, 15) }
```

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