

Converting Colors

Android(4294942807)

Have a look what the booklet for
Android(4294942807) contains.

Android(4294942807)	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(4294942807)

Conversions

Conversions Part 1

Format	Color
Hex	FFA057
RGB	255, 160, 87
RGB Percent	100%, 63%, 34%
CMY	0.0000, 0.3725, 0.6588
CMYK	0.00, 0.37, 0.66, 0.00
HSL	26°, 100%, 67%
HSV	26°, 66%, 100%
XYZ	55.5311, 47.0897, 15.1792
YIQ	180.0830, 80.0530, -2.5630

Conversions

Conversions Part 2

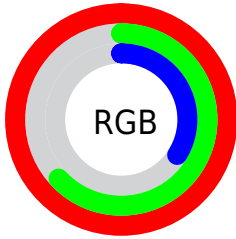
Format	Color
R_{YB}	255, 216, 87
Decimal	16752727
CIE _{Lab}	74.25, 29.00, 51.90
CIE _{LCh}	74, 59.447, 60.805
Yxy	47.0897, 0.4714, 0.3997
Android (android.graphics.Color)	4294942807 (0xFFFFA057)
YUV	180.0830, -45.8899, 65.7022
Hunter-Lab	68.6220, 24.3595, 34.9204

Details

The Android color **4294942807** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **4283938559**, and the grayscale version is **4290032820**.

A 20% lighter version of the original color is **4294956939**, and **4290866212** is the 20% darker color. If you saturate the color by 10%, you get **4294939198**, and if you desaturate by 10%, it is **4294946417**.

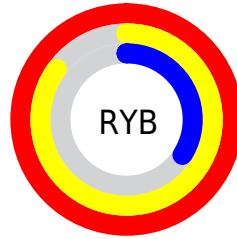
Distribution



Red (100%)

Green (63%)

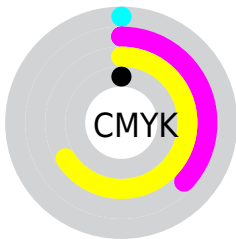
Blue (34%)



Red (100%)

Yellow (85%)

Blue (34%)

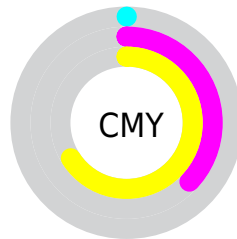


Cyan (0%)

Magenta (37%)

Yellow (66%)

Black (0%)



Cyan (0%)

















Magenta (37%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294942807 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 4294942807 by changing the saturation by 10% instead.

 4294942807	 4294942807
4294967295	 4292904510
 4294956939	 4290866212
 4294964390	 4288893702
 4294967234	 4286987008
 4294967262	 4285080320
 4294967291	 4283173632
	 4281466880
	 4278910976
	 4278190080

4294942807

4294942807

4294939198

4294946417

4294935332

4294950282

4294931723

4294953892

4294930176

4294957757

4294961367

4294965232

4294967295

Harmonies

Analogous

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



4294937986



4294942807



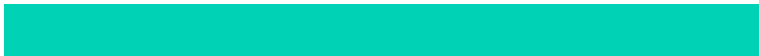
4292129859

Triad

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



4294942807



4278244022



4290488575

Complementary

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



4294942807



4283938559

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.



4282825983



4294942807



4278243821

Square

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



4294942807



4283551103



4278242047



4294677229

Rectangle

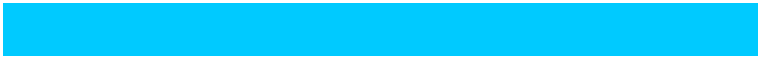
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294942807



4289773386



4278242047



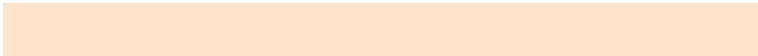
4288524287

Sweetspot

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



4294942807



4294959820



4294924214



4286606945



4278190080



4286611584

Same Dimension

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



4294942807



4294937910



4294964311



4286609523



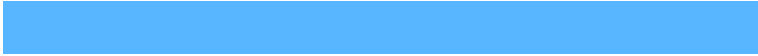
4290728704



4282391552

Inverse Universe

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



4283938559



4281772031



4283917055



4285758080



4278217919



4278199360

Previews

White Background



This preview shows how the Android color 4294942807 looks on a white background.

Color Contrast Check

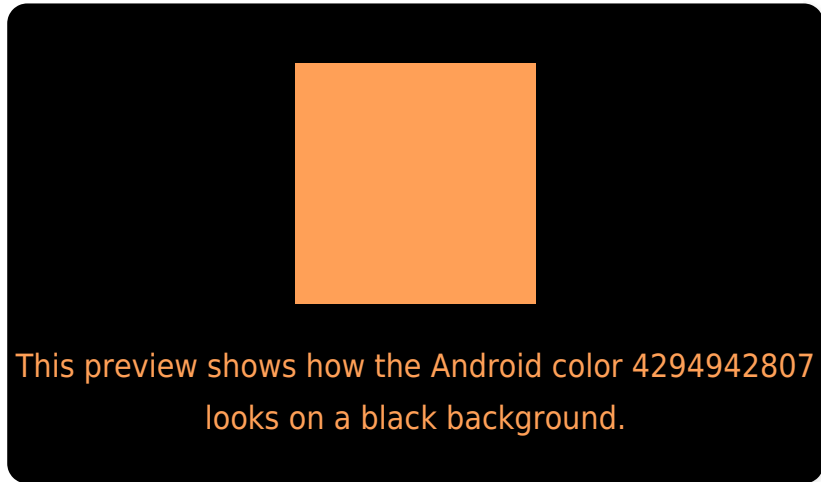
Large Text (above 18pt) WCAG AA × Fail

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 4294942807 Background



This preview shows how black text looks on a background with the Android color 4294942807.



This preview shows how white text looks on a background with the Android color 4294942807.

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
4294942807

Protanopia
4291475295

Deuteranopia
4293045844



Tritanopia
4294941348

Trichromacy



Original Color
4294942807

Protanomaly
4292718428

Deuteranomaly
4293765461

Tritanomaly
4294941832

Monochromacy



Original Color
4294942807

Achromatopsia
4290032820

Achromatomaly
4291800466

CSS Examples

Text

The CSS property to change the color of the text to Android 4294942807 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, 160, 87)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 87)  
}
```

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, 160, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 87) }
```

Border

The CSS property to change the border of an element to Android 4294942807 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, 160, 87) }
```

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

```
.border{ border-color:rgb(255, 160, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 87);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4294942807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 87) }
```

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

```
.background{ background-color: rgb(255,  
160, 87) }
```

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