

Converting Colors

Android(4294944355)

Have a look what the booklet for
Android(4294944355) contains.

Android(4294944355)	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(4294944355)

Conversions

Conversions Part 1

Format	Color
Hex	FFA663
RGB	255, 166, 99
RGB Percent	100%, 65%, 39%
CMY	0.0000, 0.3490, 0.6118
CMYK	0.00, 0.35, 0.61, 0.00
HSL	26°, 100%, 69%
HSV	26°, 61%, 100%
XYZ	57.1283, 49.4333, 18.3350
YIQ	184.9730, 74.5510, -1.9690

Conversions

Conversions Part 2

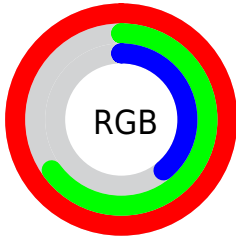
Format	Color
RYB	255, 216, 99
Decimal	16754275
CIELab	75.72, 26.62, 47.70
CIElCh	76, 54.620, 60.835
Yxy	49.4333, 0.4574, 0.3958
Android (android.graphics.Color)	4294944355 (0xFFFFA663)
YUV	184.9730, -42.3847, 61.4137
Hunter-Lab	70.3088, 21.9970, 33.7547

Details

The Android color **4294944355** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **4284726527**, and the grayscale version is **4290361785**.

A 20% lighter version of the original color is **4294958487**, and **4290933297** is the 20% darker color. If you saturate the color by 10%, you get **4294940489**, and if you desaturate by 10%, it is **4294948220**.

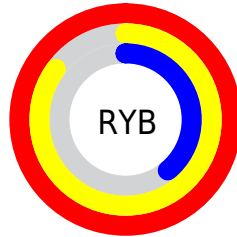
Distribution



Red (100%)

Green (65%)

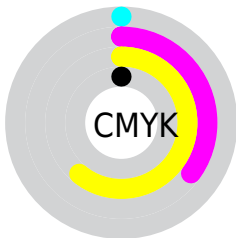
Blue (39%)



Red (100%)

Yellow (85%)

Blue (39%)

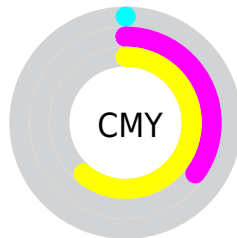


Cyan (0%)

Magenta (35%)

Yellow (61%)

Black (0%)



Cyan (0%)
















Magenta (35%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294944355 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 4294944355 by changing the saturation by 10% instead.

 4294944355	 4294944355
4294967295	 4292905802
 4294958487	 4290933297
 4294965939	 4288960792
 4294967247	 4287054080
 4294967275	 4285147392
	 4283306496
	 4281532416
	 4279435264
	 4278190080

4294944355

4294944355

4294940489

4294948220

4294936880

4294951830

4294933014

4294955696

4294929920

4294959305

4294963171

4294966780

4294967295

Harmonies

Analogous

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



4294940042



4294944355



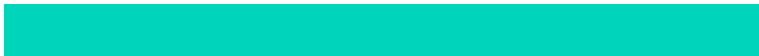
4292327506

Triad

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



4294944355



4278244538



4290817535

Complementary

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



4294944355



4284726527

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.



4284596223



4294944355



4278244333

Square

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



4294944355



4284665991



4278242815



4294613741

Rectangle

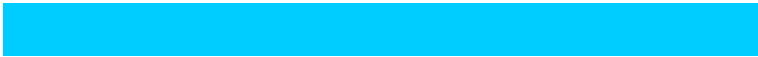
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294944355



4290167640



4278242815



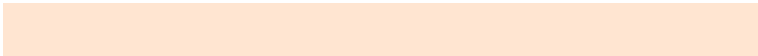
4289049599

Sweetspot

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



4294944355



4294960593



4294927294



4286607203



4278190080



4286611584

Same Dimension

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



4294944355



4294939973



4294963811



4286609523



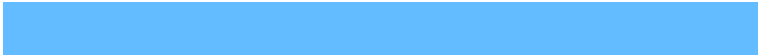
4290728448



4282391296

Inverse Universe

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



4284726527



4282757119



4284707071



4285758080



4278218175



4278199360

Previews

White Background



This preview shows how the Android color 4294944355 looks on a white background.

Color Contrast Check

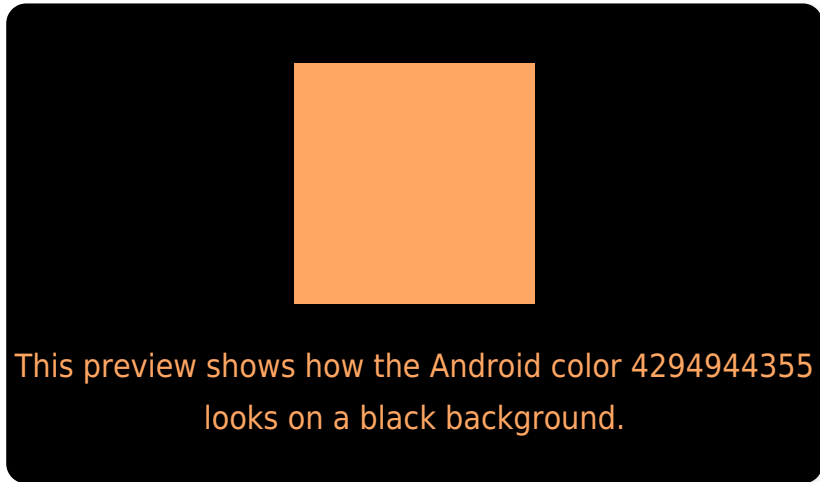
Large Text (above 18pt) WCAG AA × Fail

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 4294944355 Background



This preview shows how black text looks on a background with the Android color 4294944355.




This preview shows how white text looks on a background with the Android color 4294944355.

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





Tritanopia
4294942891

Trichromacy



Original Color
4294944355

Protanomaly
4292850535

Deuteranomaly
4293897825

Tritanomaly
4294943377

Monochromacy



Original Color
4294944355

Achromatopsia
4290361785

Achromatomaly
4291998362

CSS Examples

Text

The CSS property to change the color of the text to Android 4294944355 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, 166, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 99)  
}
```

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, 166, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 99) }
```

Border

The CSS property to change the border of an element to Android 4294944355 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, 166, 99) }
```

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

```
.border{ border-color:rgb(255, 166, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
99) }
```

Background

The CSS property to change the background color of an element to Android 4294944355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 99) }
```

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

```
.background{ background-color: rgb(255,  
166, 99) }
```

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