

# Converting Colors

Android(4294943566)

Have a look what the booklet for  
Android(4294943566) contains.

<b>Android(4294943566)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4294943566)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA34E
RGB	255, 163, 78
RGB Percent	100%, 64%, 31%
CMY	0.0000, 0.3608, 0.6941
CMYK	0.00, 0.36, 0.69, 0.00
HSL	29°, 100%, 65%
HSV	29°, 69%, 100%
XYZ	55.7123, 48.0044, 13.5372
YIQ	180.8180, 82.1170, -6.9310

# Conversions

## Conversions Part 2

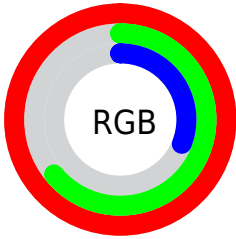
Format	Color
<a href="#">RYB</a>	<a href="#">255, 242, 78</a>
Decimal	<a href="#">16753486</a>
CIELab	<a href="#">74.83, 26.95, 56.78</a>
CIELCh	<a href="#">75, 62.850, 64.610</a>
Yxy	<a href="#">48.0044, 0.4751, 0.4094</a>
Android (android.graphics.Color)	<a href="#">4294943566</a> ( <a href="#">0xFFFFA34E</a> )
YUV	<a href="#">180.8180, -50.6893, 65.0576</a>
Hunter-Lab	<a href="#">69.2852, 22.2829, 36.9154</a>

# Details

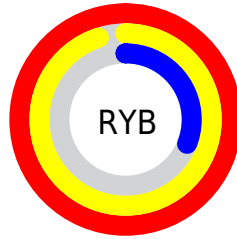
The Android color **4294943566** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4283345663**, and the grayscale version is **4290098613**.

A 20% lighter version of the original color is **4294957698**, and **4290866968** is the 20% darker color. If you saturate the color by 10%, you get **4294940213**, and if you desaturate by 10%, it is **4294946920**.

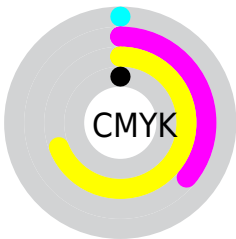
# Distribution



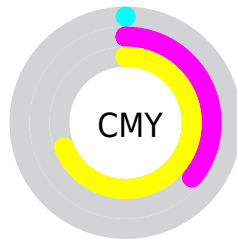
- Red (100%)
- Green (64%)
- Blue (31%)



- Red (100%)
- Yellow (95%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (69%)
- Black (0%)



















- Cyan (0%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294943566 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 4294943566 by changing the saturation by 10% instead.



 4294943566	 4294943566
4294967295	 4292905268
 4294957698	 4290866968
 4294965150	 4288894464
 4294967225	 4286987776
 4294967254	 4285015808
 4294967282	 4283174912
	 4281401344
	 4278976512
	 4278190080

4294943566

4294943566

4294940213

4294946920

4294936603

4294950529

4294933250

4294953883

4294932992

4294957236

4294960590

4294964199

4294967295

# Harmonies

## Analogous

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



4294938234



4294943566



4291868732

# Triad

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



4294943566



4278244800



4291274239

# Complementary

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



4294943566



4283345663

# 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.



4283612415



4294943566



4278244344

# Square

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



4294943566



4281848196



4278242303



4294938347

# Rectangle

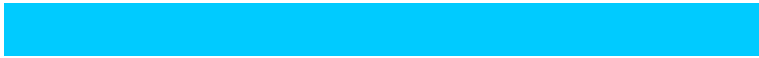
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294943566



4289315656



4278242303



4289310207

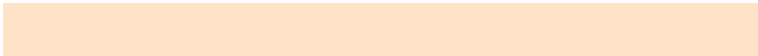


# Sweetspot

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



4294943566



4294960073



4294921900



4286607200



4278190080



4286611584



# Same Dimension

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



4294943566



4294938923



4294965582



4286609779



4290731008



4282392320



# Inverse Universe

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



4283345663



4281047551



4283323647



4285757824



4278215615



4278198592



# Previews

## White Background



This preview shows how the Android color 4294943566 looks on a white background.

## Color Contrast Check

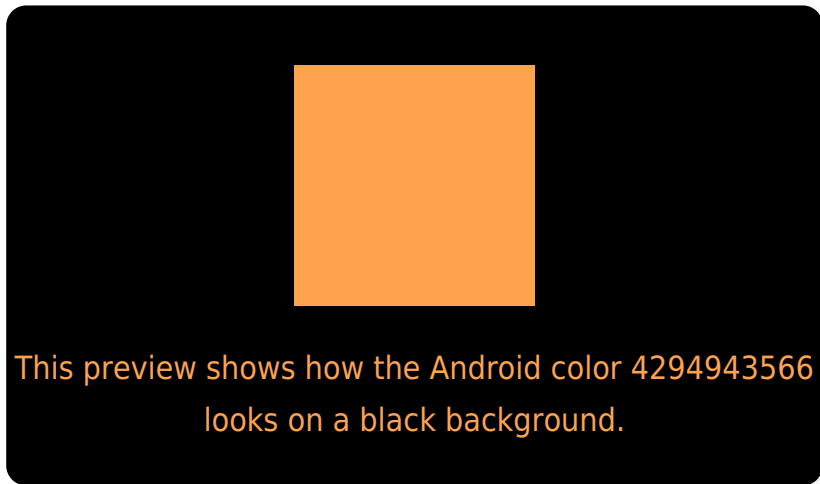
Large Text (above 18pt) WCAG AA × Fail

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 4294943566 Background



This preview shows how black text looks on a background with the Android color 4294943566.



This preview shows how white text looks on a background with the Android color 4294943566.

# 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**  
4294943566

**Protanopia**  
4291672405

**Deuteranopia**  
4293242699



**Tritanopia**  
4294941863

# Trichromacy



**Original Color**  
4294943566

**Protanomaly**  
4292850002

**Deuteranomaly**  
4293831500

**Tritanomaly**  
4294942599

# Monochromacy



**Original Color**  
4294943566

**Achromatopsia**  
4290098613

**Achromatomaly**  
4291866256

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294943566 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, 163, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 78)  
}
```

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, 163, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 78) }
```

## Border

The CSS property to change the border of an element to Android 4294943566 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, 163, 78) }
```

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

```
.border{ border-color:rgb(255, 163, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
78) }
```

# Background

The CSS property to change the background color of an element to Android 4294943566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 78) }
```

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

```
.background{ background-color: rgb(255,  
163, 78) }
```

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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