

# Converting Colors

Android(4294878541)

Have a look what the booklet for  
Android(4294878541) contains.

<b>Android(4294878541)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4294878541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEA54D
RGB	254, 165, 77
RGB Percent	100%, 65%, 30%
CMY	0.0039, 0.3529, 0.6980
CMYK	0.00, 0.35, 0.70, 0.00
HSL	30°, 99%, 65%
HSV	30°, 70%, 100%
XYZ	55.6677, 48.5169, 13.4519
YIQ	181.5790, 81.2920, -8.5000

# Conversions

## Conversions Part 2

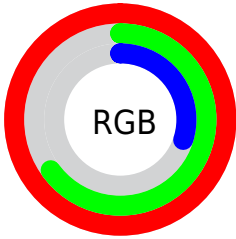
Format	Color
<a href="#">RYB</a>	<a href="#">254, 252, 77</a>
Decimal	<a href="#">16688461</a>
CIELab	<a href="#">75.15, 25.45, 57.54</a>
CIELCh	<a href="#">75, 62.921, 66.143</a>
Yxy	<a href="#">48.5169, 0.4732, 0.4124</a>
Android (android.graphics.Color)	<a href="#">4294878541 (0xFFFEA54D)</a>
YUV	<a href="#">181.5790, -51.5574, 63.5132</a>
Hunter-Lab	<a href="#">69.6541, 20.7630, 37.3075</a>

# Details

The Android color `4294878541` 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 `4283279102`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4294958210`, and `4290801942` is the 20% darker color. If you saturate the color by 10%, you get `4294875188`, and if you desaturate by 10%, it is `4294881894`.

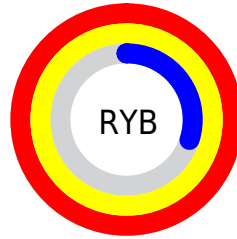
# Distribution



Red (100%)

Green (65%)

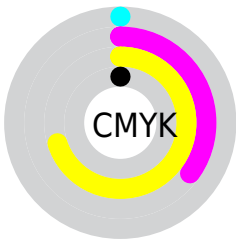
Blue (30%)



Red (100%)

Yellow (99%)

Blue (30%)

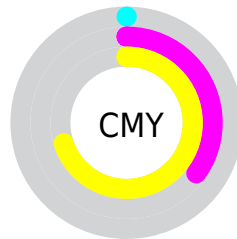


Cyan (0%)

Magenta (35%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294878541 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 4294878541 by changing the saturation by 10% instead.





4294878541



4294878541

4294967295



4292839987



4294958210



4290801942



4294965661



4288829440



4294967224



4286922752



4294967253



4284950784



4294967282



4283110144



4281401344



4278976512



4278190080

4294878541

4294878541

4294875188

4294881894

4294871834

4294885248

4294868737

4294888345

4294868480

4294891699

4294895052

4294898405

4294901503

4294901759

# Harmonies

## Analogous

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



4294938488



4294878541



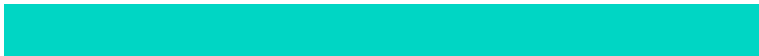
4291738173

# Triad

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



4294878541



4278245060



4291601919

# Complementary

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



4294878541



4283279102

# 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.



4284267519



4294878541



4278244604

# Square

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



4294878541



4281324168



4278242303



4294938345

# Rectangle

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



4294878541



4289185098



4278242303



4289703423

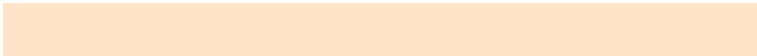


# Sweetspot

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



4294878541



4294960329



4294856104



4286607200



4278190080



4286611584



# Same Dimension

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



4294878541



4294939433



4294900557



4286609779



4290731776



4282392576



# Inverse Universe

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



4283279102



4280915455



4283257086



4285757824



4278214847



4278198336



# Previews

## White Background



This preview shows how the Android color 4294878541 looks on a white background.

## Color Contrast Check

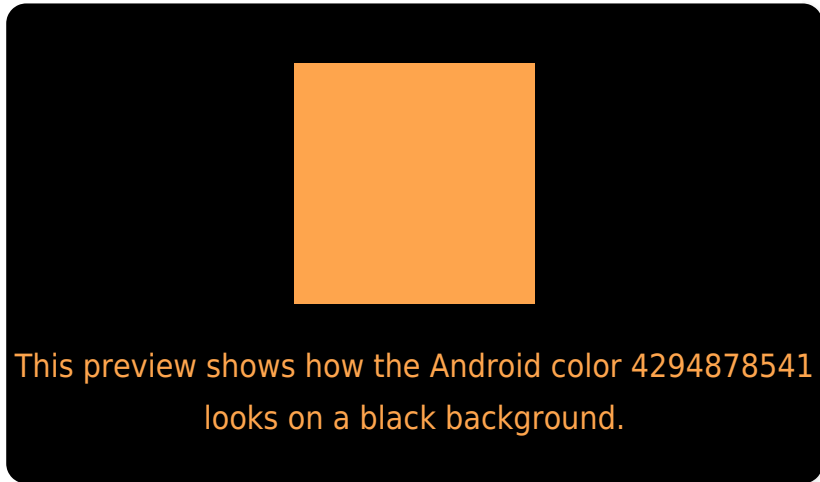
Large Text (above 18pt) WCAG AA × Fail

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 4294878541 Background



This preview shows how black text looks on a background with the Android color 4294878541.



This preview shows how white text looks on a background with the Android color 4294878541.

# 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**  
4294878541

**Protanopia**  
4291738195

**Deuteranopia**  
4293374026



**Tritanopia**  
4294942376

# Trichromacy



**Original Color**

4294878541

**Protanomaly**

4292850257

**Deuteranomaly**

4293897291

**Tritanomaly**

4294943111

# Monochromacy



**Original Color**

4294878541

**Achromatopsia**

4290164406

**Achromatomaly**

4291866768

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294878541 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, 165, 77)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 77)  
}
```

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, 165, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 77) }
```

## Border

The CSS property to change the border of an element to Android 4294878541 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, 165, 77) }
```

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

```
.border{ border-color:rgb(254, 165, 77) }
```

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

Here you see how a box with a 4 pixel rgb(254, 165, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 77);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
77) }
```

# Background

The CSS property to change the background color of an element to Android 4294878541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 77) }
```

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

```
.background{ background-color: rgb(254,  
165, 77) }
```

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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