

# Converting Colors

Android(4294944328)

Have a look what the booklet for  
Android(4294944328) contains.

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# **Color**

**Android(4294944328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA648
RGB	255, 166, 72
RGB Percent	100%, 65%, 28%
CMY	0.0000, 0.3490, 0.7176
CMYK	0.00, 0.35, 0.72, 0.00
HSL	31°, 100%, 64%
HSV	31°, 72%, 100%
XYZ	56.0459, 49.0003, 12.6350
YIQ	181.8950, 83.2180, -10.3660

# Conversions

## Conversions Part 2

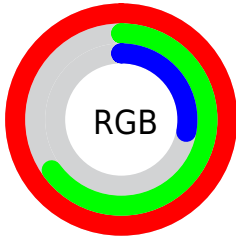
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 255, 72
Decimal	16754248
CIE <sub>Lab</sub>	75.45, 25.09, 60.12
CIE <sub>LCh</sub>	75, 65.150, 67.346
Yxy	49.0003, 0.4763, 0.4164
Android (android.graphics.Color)	4294944328 (0xFFFFA648)
YUV	181.8950, -54.1782, 64.1131
Hunter-Lab	70.0002, 20.4162, 38.2984

# Details

The Android color **4294944328** 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 **4282950143**, and the grayscale version is **4290164406**.

A 20% lighter version of the original color is **4294958461**, and **4290867725** is the 20% darker color. If you saturate the color by 10%, you get **4294941231**, and if you desaturate by 10%, it is **4294947426**.

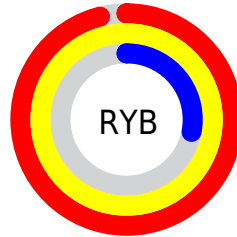
# Distribution



Red (100%)

Green (65%)

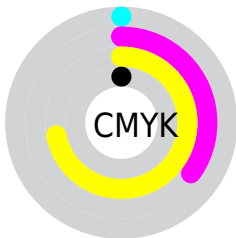
Blue (28%)



Red (96%)

Yellow (100%)

Blue (28%)

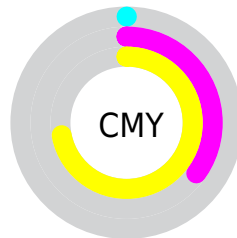


Cyan (0%)

Magenta (35%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294944328 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 4294944328 by changing the saturation by 10% instead.





4294944328



4294944328

4294967295



4292905773



4294958461



4290867725



4294965912



4288895232



4294967220



4286923008



4294967248



4285016576



4294967277



4283175936



4281401344



4279107584



4278190080

4294944328

4294944328

4294941231

4294947426

4294937877

4294950779

4294935296

4294953876

4294957230

4294960328

4294963425

4294966779

4294967295

# Harmonies

## Analogous

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



4294938484



4294944328



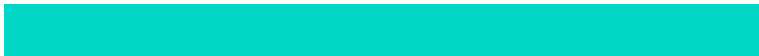
4291673145

# Triad

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



4294944328



4278245319



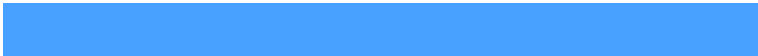
4291863807

# Complementary

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



4294944328



4282950143

# 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.



4284333311



4294944328



4278244863

# Square

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



4294944328



4279620745



4278242559



4294937833

# Rectangle

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



4294944328



4288988999



4278242559



4289899775



# Sweetspot

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



4294944328



4294960327



4294920355



4286607198



4278190080



4286611584



# Same Dimension

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



4294944328



4294939684



4294967112



4286609779



4290732544



4282392832



# Inverse Universe

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



4282950143



4280585983



4282927359



4285757824



4278214079



4278198080



# Previews

## White Background



This preview shows how the Android color 4294944328 looks on a white background.

## Color Contrast Check

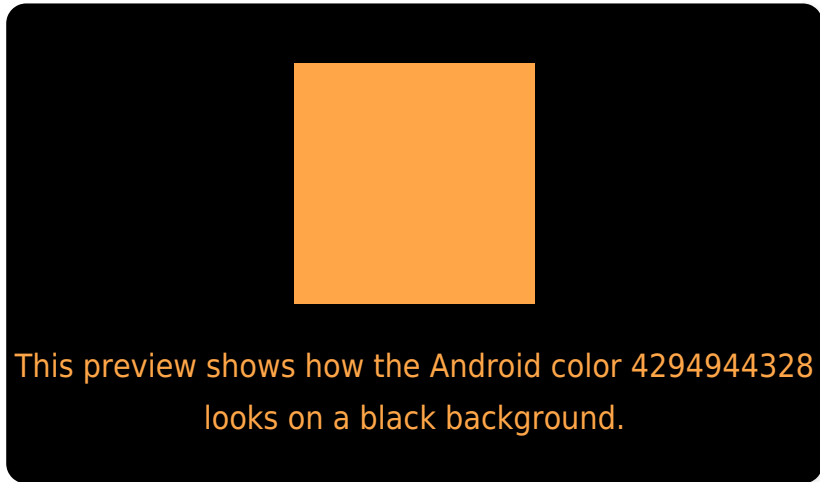
Large Text (above 18pt) WCAG AA × Fail

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 4294944328 Background



This preview shows how black text looks on a background with the Android color 4294944328.



This preview shows how white text looks on a background with the Android color 4294944328.

# 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**  
4294944328

**Protanopia**  
4291803982

**Deuteranopia**  
4293439813



**Tritanopia**  
4294942633

# Trichromacy



**Original Color**  
4294944328

**Protanomaly**  
4292916044

**Deuteranomaly**  
4293963078

**Tritanomaly**  
4294943366

# Monochromacy



**Original Color**  
4294944328

**Achromatopsia**  
4290164406

**Achromatomaly**  
4291932302

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294944328 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, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 72)  
}
```

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, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 72) }
```

## Border

The CSS property to change the border of an element to Android 4294944328 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, 72) }
```

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

```
.border{ border-color:rgb(255, 166, 72) }
```

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, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
72) }
```

# Background

The CSS property to change the background color of an element to Android 4294944328 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, 72) }
```

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

```
.background{ background-color: rgb(255,  
166, 72) }
```

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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