

# Converting Colors

Android(4294945094)

Have a look what the booklet for  
Android(4294945094) contains.

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# **Color**

**Android(4294945094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA946
RGB	255, 169, 70
RGB Percent	100%, 66%, 27%
CMY	0.0000, 0.3373, 0.7255
CMYK	0.00, 0.34, 0.73, 0.00
HSL	32°, 100%, 64%
HSV	32°, 73%, 100%
XYZ	56.5335, 50.0781, 12.4808
YIQ	183.4280, 83.0350, -12.5570

# Conversions

## Conversions Part 2

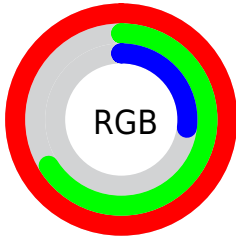
<b>Format</b>	<b>Color</b>
<b>RYB</b>	231, 255, 70
Decimal	16755014
CIELab	76.12, 23.44, 61.67
CIELCh	76, 65.973, 69.192
Yxy	50.0781, 0.4747, 0.4205
Android (android.graphics.Color)	4294945094 (0xFFFFA946)
YUV	183.4280, -55.9200, 62.7686
Hunter-Lab	70.7659, 18.7597, 39.0793

# Details

The Android color `4294945094` 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 `4282817791`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4294959227`, and `4290868487` is the 20% darker color. If you saturate the color by 10%, you get `4294941997`, and if you desaturate by 10%, it is `4294948192`.

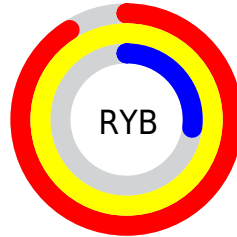
# Distribution



Red (100%)

Green (66%)

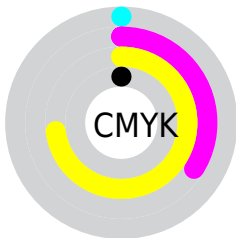
Blue (27%)



Red (91%)

Yellow (100%)

Blue (27%)

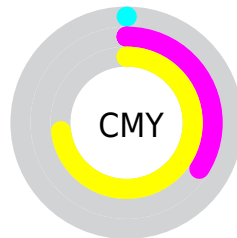


Cyan (0%)

Magenta (34%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294945094 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 4294945094 by changing the saturation by 10% instead.



 4294945094

 4294945094

4294967295

 4292906539

 4294959227

 4290868487

 4294966678

 4288896000

 4294967218

 4286989312

 4294967247

 4285017344

 4294967275

 4283176704

 4281401600

 4279238656

 4278190080

4294945094

4294945094

4294941997

4294948192

4294938899

4294951289

4294936576

4294954387

4294957228

4294960326

4294963423

4294966521

4294967295

# Harmonies

## Analogous

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



4294938994



4294945094



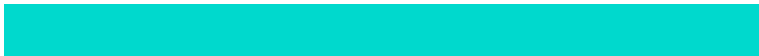
4291542841

# Triad

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



4294945094



4278245837



4292388095

# Complementary

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



4294945094



4282817791

# 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.



4284988671



4294945094



4278245375

# Square

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



4294945094



4278245006



4278243071



4294937832

# Rectangle

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



4294945094



4288792906



4278243071



4290424063

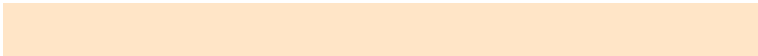


# Sweetspot

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



4294945094



4294960583



4294919836



4286607454



4278190080



4286611584



# Same Dimension

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



4294945094



4294940705



4294573894



4286610035



4290733568



4282393088



# Inverse Universe

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



4282817791



4280387839



4283188991



4285757824



4278213055



4278197824



# Previews

## White Background



This preview shows how the Android color 4294945094 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



This preview shows how the Android color 4294945094 looks on a 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 4294945094 Background



This preview shows how black text looks on a background with the Android color 4294945094.




This preview shows how white text looks on a background with the Android color 4294945094.

# 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**  
4294943404

# Trichromacy



**Original Color**  
4294945094

**Protanomaly**  
4293047625

**Deuteranomaly**  
4294094660

**Tritanomaly**  
4294944135

# Monochromacy



**Original Color**  
4294945094

**Achromatopsia**  
4290230199

**Achromatomaly**  
4291932814

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294945094 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, 169, 70)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 70)  
}
```

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, 169, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 70) }
```

## Border

The CSS property to change the border of an element to Android 4294945094 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, 169, 70) }
```

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

```
.border{ border-color:rgb(255, 169, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 70); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 70); box-shadow:4px 4px 4px 4px rgb(255, 169, 70) }
```

# Background

The CSS property to change the background color of an element to Android 4294945094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 70) }
```

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

```
.background{ background-color: rgb(255,  
169, 70) }
```

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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