

# Converting Colors

Android(4294416215)

Have a look what the booklet for  
Android(4294416215) contains.

<b>Android(4294416215)</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(4294416215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F79757
RGB	247, 151, 87
RGB Percent	97%, 59%, 34%
CMY	0.0314, 0.4078, 0.6588
CMYK	0.00, 0.39, 0.65, 0.03
HSL	24°, 91%, 65%
HSV	24°, 65%, 97%
XYZ	51.1447, 42.5955, 14.5430
YIQ	172.4080, 77.7600, 0.4480

# Conversions

## Conversions Part 2

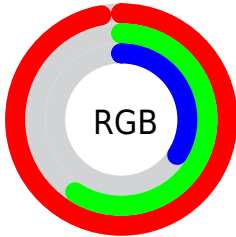
Format	Color
<a href="#">RYB</a>	<a href="#">247, 194, 87</a>
Decimal	<a href="#">16226135</a>
CIELab	<a href="#">71.28, 30.48, 48.25</a>
CIElCh	<a href="#">71, 57.069, 57.719</a>
Yxy	<a href="#">42.5955, 0.4723, 0.3934</a>
Android (android.graphics.Color)	<a href="#">4294416215</a> ( <a href="#">0xFFFF79757</a> )
YUV	<a href="#">172.4080, -42.1061, 65.4172</a>
Hunter-Lab	<a href="#">65.2652, 25.6663, 32.4741</a>

# Details

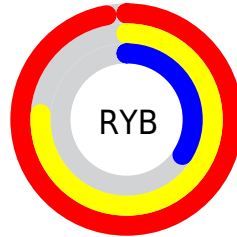
The Android color `4294416215` is a light color, and the websafe version is hex `FF9966`. The color can be described as light muted orange. A complement of this color would be `4283938807`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4294954635`, and `4290405157` is the 20% darker color. If you saturate the color by 10%, you get `4294412350`, and if you desaturate by 10%, it is `4294420080`.

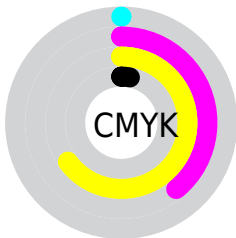
# Distribution



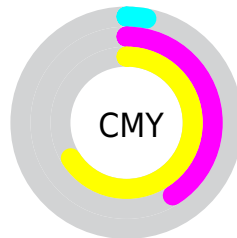
- Red (97%)
- Green (59%)
- Blue (34%)



- Red (97%)
- Yellow (76%)
- Blue (34%)



- Cyan (0%)
- Magenta (39%)
- Yellow (65%)
- Black (3%)



- Cyan (3%)
- Magenta (41%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294416215 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 4294416215 by changing the saturation by 10% instead.



 4294416215

 4294416215

4294967295

 4292377918

 4294954635

 4290405157

 4294961830

 4288432650

 4294967233


 4286525952

 4294967261

 4284619520

 4294967290

 4282712576

 4281139201

 4278190080

 4294416215

 4294416215

■ 4294412350

■ 4294420080

■ 4294408486

■ 4294423944

■ 4294404877

■ 4294427553

■ 4294402816

■ 4294431418

■ 4294435283

■ 4294439147

■ 4294443007

# Harmonies

## Analogous

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



4294936193



4294416215



4291799617

# Triad

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



4294416215



4278241449



4289372927

# Complementary

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



4294416215



4283938807

# 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.



4281251327



4294416215



4278241501

# Square

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



4294416215



4284007541



4278239999



4293627623

# Rectangle

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



4294416215



4289639750



4278239999



4287408639

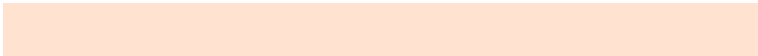


# Sweetspot

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



4294416215



4294959823



4294399927



4286606946



4278190080



4286611584



# Same Dimension

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



4294416215



4294936632



4294436695



4286215022



4290398720



4282062592



# Inverse Universe

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



4283938807



4281905151



4283918327



4285429370



4278218938



4278199099



# Previews

## White Background



This preview shows how the Android color 4294416215 looks on a white background.

## Color Contrast Check

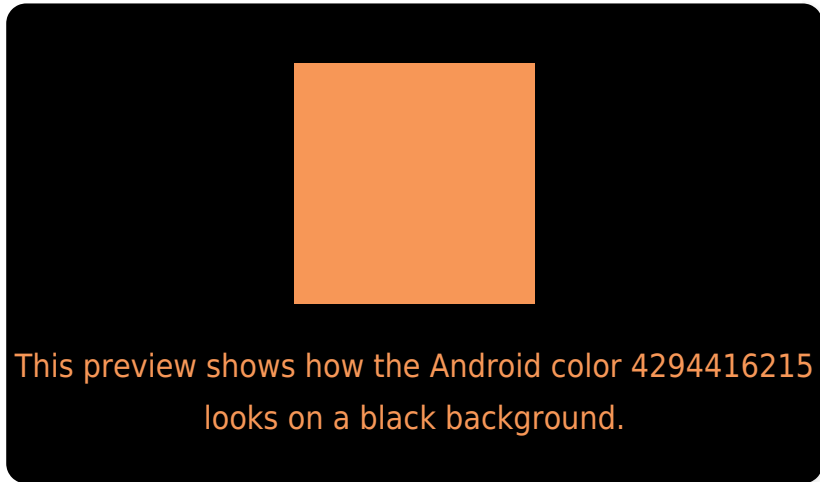
Large Text (above 18pt) WCAG AA × Fail

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 4294416215 Background



This preview shows how black text looks on a background with the Android color 4294416215.



This preview shows how white text looks on a background with the Android color 4294416215.

# 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**  
4294416215

**Protanopia**  
4290883423

**Deuteranopia**  
4292388691



**Tritanopia**  
4294676378

# Trichromacy



**Original Color**  
4294416215

**Protanomaly**  
4292191836

**Deuteranomaly**  
4293108052

**Tritanomaly**  
4294611586

# Monochromacy



**Original Color**  
4294416215

**Achromatopsia**  
4289506476

**Achromatomaly**  
4291273869

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294416215 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(247, 151, 87)` looks like.

```
.text, #text, p{  
    color:rgb(247, 151, 87)  
}
```

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(247, 151, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 151, 87) }
```

## Border

The CSS property to change the border of an element to Android 4294416215 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(247, 151, 87) }
```

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

```
.border{ border-color:rgb(247, 151, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 151, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 151, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 151, 87);  
box-shadow:4px 4px 4px 4px rgb(247, 151,  
87) }
```

# Background

The CSS property to change the background color of an element to Android 4294416215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 151, 87) }
```

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

```
.background{ background-color: rgb(247,  
151, 87) }
```

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