

# Converting Colors

Android(4294942235)

Have a look what the booklet for  
Android(4294942235) contains.

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# **Color**

**Android(4294942235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9E1B
RGB	255, 158, 27
RGB Percent	100%, 62%, 11%
CMY	0.0000, 0.3804, 0.8941
CMYK	0.00, 0.38, 0.89, 0.00
HSL	34°, 100%, 55%
HSV	34°, 89%, 100%
XYZ	53.6647, 45.7929, 7.0474
YIQ	172.0690, 99.8630, -20.1770

# Conversions

## Conversions Part 2

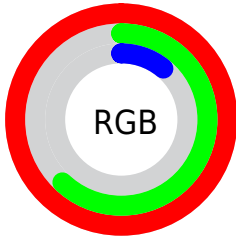
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 255, 27
Decimal	16752155
CIE <sub>Lab</sub>	73.41, 27.86, 73.86
CIE <sub>LCh</sub>	73, 78.938, 69.329
Yxy	45.7929, 0.5039, 0.4300
Android (android.graphics.Color)	4294942235 (0xFFFF9E1B)
YUV	172.0690, -71.5190, 72.7305
Hunter-Lab	67.6704, 23.1327, 41.1947

# Details

The Android color **4294942235** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **4279991551**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294956377**, and **4290800128** is the 20% darker color. If you saturate the color by 10%, you get **4294939393**, and if you desaturate by 10%, it is **4294945076**.

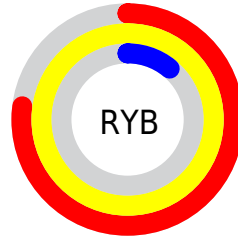
# Distribution



Red (100%)

Green (62%)

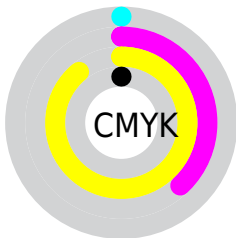
Blue (11%)



Red (77%)

Yellow (100%)

Blue (11%)

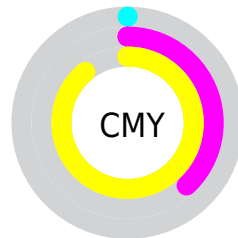


Cyan (0%)

Magenta (38%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294942235 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 4294942235 by changing the saturation by 10% instead.





4294942235



4294942235

4294967295



4292838400



4294956377



4290800128



4294963572



4288762368



4294967184



4286790144



4294967213



4284818176



4294967241



4282977024



4294967270



4281270272



4278190080



4294942235



4294942235

4294939393

4294945076

4294939392

4294947918

4294950759

4294953345

4294956186

4294959028

4294961869

4294964711

4294967295

# Harmonies

## Analogous

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



4294934108



4294942235



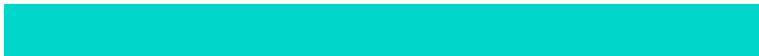
4290951168

# Triad

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



4294942235



4278245066



4292056831

# Complementary

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



4294942235



4279991551

# 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.



4279023103



4294942235



4278244607

# Square

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



4294942235



4278243966



4278242047



4294931945

# Rectangle

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



4294942235



4287677727



4278242047



4289635071



# Sweetspot

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



4294942235



4294959802



4294908798



4286606935



4278190080



4286611584



# Same Dimension

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



4294942235



4294939392



4293984027



4286610035



4290735616



4282393856



# Inverse Universe

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



4279991551



4278217983



4280949759



4285757568



4278211007



4278197056



# Previews

## White Background



This preview shows how the Android color 4294942235 looks on a white background.

## Color Contrast Check

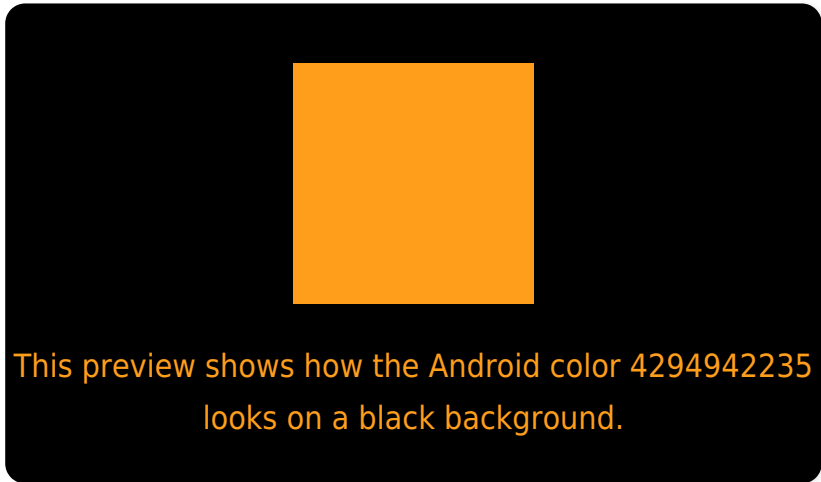
Large Text (above 18pt) WCAG AA × Fail

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 4294942235 Background



This preview shows how black text looks on a background with the Android color 4294942235.



This preview shows how white text looks on a background with the Android color 4294942235.

# 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**  
4294942235

**Protanopia**  
4291540258

**Deuteranopia**  
4293241612



**Tritanopia**  
4294940320

# Trichromacy



**Original Color**  
4294942235

**Protanomaly**  
4292783391

**Deuteranomaly**  
4293830161

**Tritanomaly**  
4294941040

# Monochromacy



**Original Color**  
4294942235

**Achromatopsia**  
4289506476

**Achromatomaly**  
4291471223

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294942235 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, 158, 27)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 27)  
}
```

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, 158, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 27) }
```

## Border

The CSS property to change the border of an element to Android 4294942235 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, 158, 27) }
```

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

```
.border{ border-color:rgb(255, 158, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 27);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
27) }
```

# Background

The CSS property to change the background color of an element to Android 4294942235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 27) }
```

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

```
.background{ background-color: rgb(255,  
158, 27) }
```

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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