

# Converting Colors

Android(4294348296)

Have a look what the booklet for  
Android(4294348296) contains.

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# **Color**

**Android(4294348296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F68E08
RGB	246, 142, 8
RGB Percent	96%, 56%, 3%
CMY	0.0353, 0.4431, 0.9686
CMYK	0.00, 0.42, 0.97, 0.04
HSL	34°, 94%, 50%
HSV	34°, 97%, 96%
XYZ	47.7229, 38.9564, 5.2338
YIQ	157.8200, 104.9980, -19.6260

# Conversions

## Conversions Part 2

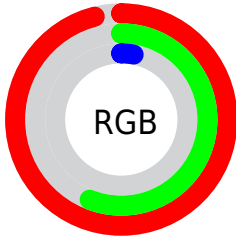
Format	Color
<a href="#">RYB</a>	<a href="#">193, 246, 8</a>
Decimal	<a href="#">16158216</a>
CIELab	<a href="#">68.72, 32.23, 73.35</a>
CIElCh	<a href="#">69, 80.119, 66.277</a>
Yxy	<a href="#">38.9564, 0.5192, 0.4238</a>
Android (android.graphics.Color)	<a href="#">4294348296</a> (0xFFFF68E08)
YUV	<a href="#">157.8200, -73.8613, 77.3339</a>
Hunter-Lab	<a href="#">62.4150, 27.2557, 38.7188</a>

# Details

The Android color **4294348296** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **4278743286**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4294952013**, and **4290206464** is the 20% darker color. If you saturate the color by 10%, you get **4294347520**, and if you desaturate by 10%, it is **4294351137**.

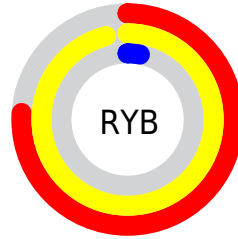
# Distribution



Red (96%)

Green (56%)

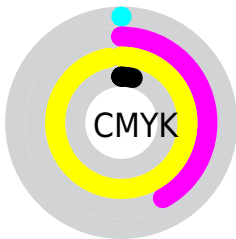
Blue (3%)



Red (76%)

Yellow (96%)

Blue (3%)

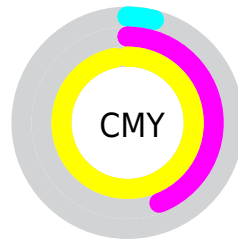


Cyan (0%)

Magenta (42%)

Yellow (97%)

Black (4%)



Cyan (4%)

Magenta (44%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294348296 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 4294348296 by changing the saturation by 10% instead.





4294348296



4294348296

4294967295



4292244480



4294952013



4290206464



4294959209



4288168448



4294966661



4286130688



4294967201



4284224000



4294967229



4282384384



4294967258



4280811521



4294967287



4278190080



4294348296



4294348296

4294347520

4294351137

4294353721

4294356562

4294359402

4294362243

4294364828

4294367668

4294370509

4294373349

# Harmonies

## Analogous

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



4294929494



4294348296



4290488576

# Triad

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



4294348296



4278241461



4290481663

# Complementary

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



4294348296



4278743286

# 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.



4278234367



4294348296



4278241276

# Square

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



4294348296



4278240618



4278239231



4294928867

# Rectangle

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



4294348296



4287346176



4278239231



4287731967



# Sweetspot

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



4294348296



4294959029



4294314099



4286606419



4278190080



4286611584



# Same Dimension

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



4294348296



4294938624



4293588488



4286215534



4290406656



4282065152



# Inverse Universe

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



4278743286



4278218751



4279503094



4285428858



4278211002



4278196795



# Previews

## White Background



This preview shows how the Android color 4294348296 looks on a white background.

## Color Contrast Check

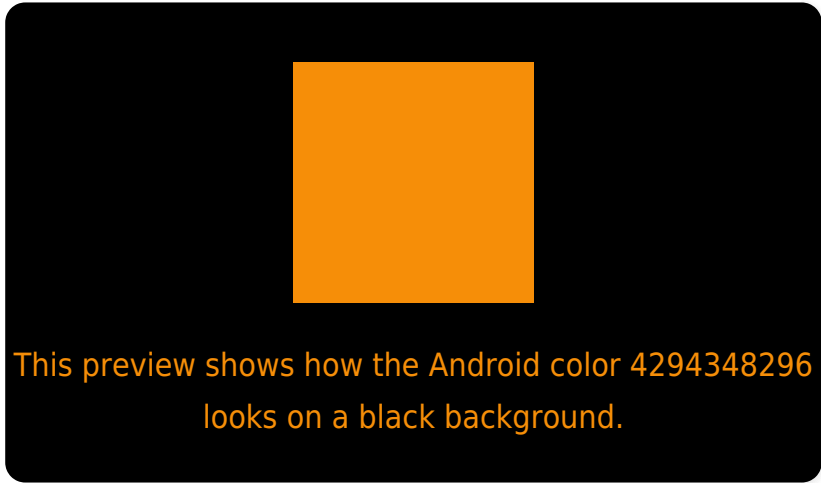
Large Text (above 18pt) WCAG AA × Fail

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 4294348296 Background



This preview shows how black text looks on a background with the Android color 4294348296.



This preview shows how white text looks on a background with the Android color 4294348296.

# 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**  
4294348296

**Protanopia**  
4290685205

**Deuteranopia**  
4292124416



# Trichromacy



**Original Color**  
4294348296

**Protanomaly**  
4291993360

**Deuteranomaly**  
4292909315

**Tritanomaly**  
4294543453

# Monochromacy



**Original Color**  
4294348296

**Achromatopsia**  
4288585374

**Achromatomaly**  
4290680935

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294348296 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(246, 142, 8)` looks like.

```
.text, #text, p{  
    color:rgb(246, 142, 8)  
}
```

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(246, 142, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 142, 8) }
```

## Border

The CSS property to change the border of an element to Android 4294348296 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(246, 142, 8) }
```

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

```
.border{ border-color:rgb(246, 142, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 142, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 142, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 142, 8);  
box-shadow:4px 4px 4px 4px rgb(246, 142,  
8) }
```

# Background

The CSS property to change the background color of an element to Android 4294348296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 142, 8) }
```

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

```
.background{ background-color: rgb(246,  
142, 8) }
```

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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