

# Converting Colors

Android(4294946637)

Have a look what the booklet for  
Android(4294946637) contains.

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# Color

**Android(4294946637)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FFAF4D
RGB	255, 175, 77
RGB Percent	100%, 69%, 30%
CMY	0.0000, 0.3137, 0.6980
CMYK	0.00, 0.31, 0.70, 0.00
HSL	33°, 100%, 65%
HSV	33°, 70%, 100%
XYZ	57.9095, 52.4558, 14.0940
YIQ	187.7480, 79.1380, -13.5180

# Conversions

## Conversions Part 2

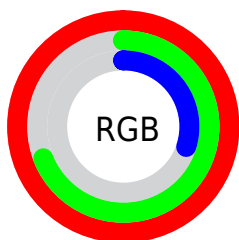
Format	Color
<a href="#">RYB</a>	<a href="#">222, 255, 77</a>
Decimal	<a href="#">16756557</a>
CIELab	<a href="#">77.55, 20.63, 60.13</a>
CIELCh	<a href="#">78, 63.569, 71.059</a>
Yxy	<a href="#">52.4558, 0.4653, 0.4215</a>
Android (android.graphics.Color)	<a href="#">4294946637</a> (0xFFFFAF4D)
YUV	<a href="#">187.7480, -54.5988, 58.9800</a>
Hunter-Lab	<a href="#">72.4264, 15.9761, 39.1608</a>

# Details

The Android color **4294946637** 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 **4283276799**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4294961026**, and **4290935316** is the 20% darker color. If you saturate the color by 10%, you get **4294943796**, and if you desaturate by 10%, it is **4294949479**.

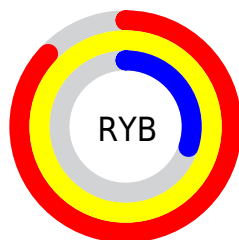
# Distribution



Red (100%)

Green (69%)

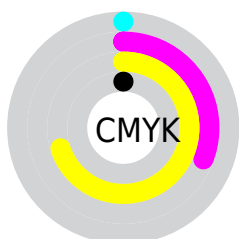
Blue (30%)



Red (87%)

Yellow (100%)

Blue (30%)

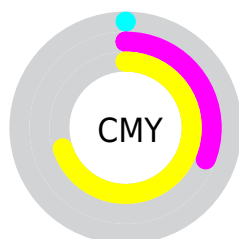


Cyan (0%)

Magenta (31%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294946637 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 4294946637 by changing the saturation by 10% instead.



 4294946637

 4294946637

4294967295

 4292908082

 4294961026

 4290935316

 4294967197

 4288963072

 4294967225

 4286990848

 4294967254

 4285084416

 4294967283

 4283243776

 4281468672

 4279631872

 4278190080

 4294946637

 4294946637

 4294943796

 4294949479

 4294940698

 4294952576

 4294937857

 4294955418

 4294937600

 4294958515

 4294961357

 4294964454

4294967295

# Harmonies

## Analogous

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



4294941045



4294946637



4291609668

# Triad

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



4294946637



4278246868



4292913151

# Complementary

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



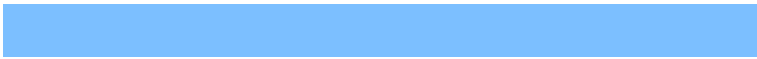
4294946637



4283276799

# Split Complementary

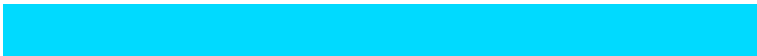
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4286365695



4294946637



4278246143

# Square

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



4294946637



4278246039



4278243583



4294939111

# Rectangle

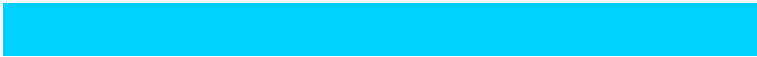
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294946637



4288859733



4278243583



4291080191



# Sweetspot

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



4294946637



4294961097



4294921629



4286607712



4278190080



4286611584



# Same Dimension

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



4294946637



4294942505



4294377293



4286610035



4290734336

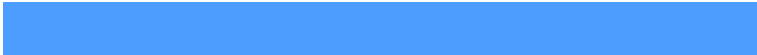


4282393344



# Inverse Universe

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



4283276799



4280912383



4283846143



4285757568



4278212287



4278197568



# Previews

## White Background



This preview shows how the Android color 4294946637 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 4294946637 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 4294946637 Background



This preview shows how black text looks on a background with the Android color 4294946637.



This preview shows how white text looks on a background with the Android color 4294946637.

# 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**  
[4294946637](#)




**Protanopia**  
[4292264018](#)

**Deuteranopia**  
[4293899851](#)



**Tritanopia**  
4294944947

# Trichromacy

	<b>Original Color</b> 4294946637
	<b>Protanomaly</b> 4293245520
	<b>Deuteranomaly</b> 4294292300
	<b>Tritanomaly</b> 4294945678

# Monochromacy

	<b>Original Color</b> 4294946637
	<b>Achromatopsia</b> 4290559164
	<b>Achromatomaly</b> 4292130708

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294946637 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, 175, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 77)  
}
```

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, 175, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 77) }
```

## Border

The CSS property to change the border of an element to Android 4294946637 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, 175, 77) }
```

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

```
.border{ border-color:rgb(255, 175, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
77) }
```

# Background

The CSS property to change the background color of an element to Android 4294946637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 77) }
```

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

```
.background{ background-color: rgb(255,  
175, 77) }
```

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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