

# Converting Colors

Android(4294813531)

Have a look what the booklet for  
Android(4294813531) contains.

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# Color

**Android(4294813531)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FDA75B
RGB	253, 167, 91
RGB Percent	99%, 65%, 36%
CMY	0.0078, 0.3451, 0.6431
CMYK	0.00, 0.34, 0.64, 0.01
HSL	28°, 98%, 67%
HSV	28°, 64%, 99%
XYZ	56.2151, 49.2754, 16.4458
YIQ	184.0500, 75.6520, -5.4040

# Conversions

## Conversions Part 2

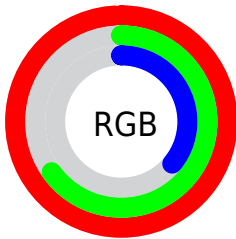
Format	Color
<a href="#">RYB</a>	<a href="#">253, 234, 91</a>
Decimal	<a href="#">16623451</a>
CIELab	<a href="#">75.62, 24.78, 51.46</a>
CIELCh	<a href="#">76, 57.113, 64.288</a>
Yxy	<a href="#">49.2754, 0.4610, 0.4041</a>
Android (android.graphics.Color)	<a href="#">4294813531</a> (0xFFFDA75B)
YUV	<a href="#">184.0500, -45.8736, 60.4692</a>
Hunter-Lab	<a href="#">70.1964, 20.1034, 35.2469</a>

# Details

The Android color **4294813531** 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 **4284199421**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4294958735**, and **4290802472** is the 20% darker color. If you saturate the color by 10%, you get **4294810178**, and if you desaturate by 10%, it is **4294816884**.

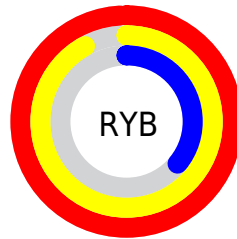
# Distribution



Red (99%)

Green (65%)

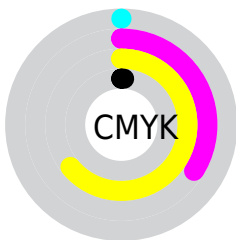
Blue (36%)



Red (99%)

Yellow (92%)

Blue (36%)

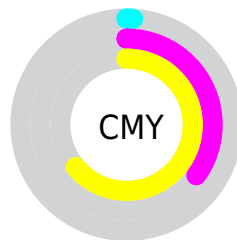


Cyan (0%)

Magenta (34%)

Yellow (64%)

Black (1%)



Cyan (1%)

Magenta (35%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294813531 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 4294813531 by changing the saturation by 10% instead.



 4294813531

 4294813531

4294967295

 4292774978

 4294958735

 4290802472

 4294966187

 4288829963

 4294967238

 4286923264

 4294967267

 4285016832

 4283175936

 4281401344

 4279173120

 4278190080

 4294813531

 4294813531

 4294810178

 4294816884

 4294806568

 4294820494

 4294803215

 4294823847

 4294801152

 4294827456

 4294830810

 4294834419

4294836223

# Harmonies

## Analogous

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



4294940034



4294813531



4292000332

# Triad

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



4294813531



4278244800



4291340799

# Complementary

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



4294813531



4284199421

# 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.



4284988927



4294813531



4278244340

# Square

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



4294813531



4283486603



4278242559



4294940393

# Rectangle

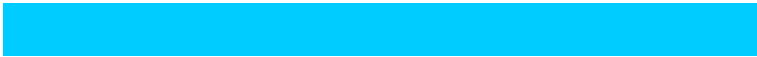
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294813531



4289643606



4278242559



4289573375



# Sweetspot

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



4294813531



4294960591



4294794161



4286607458



4278190080



4286611584



# Same Dimension

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



4294813531



4294940475



4294834267



4286609779



4290730496

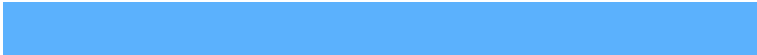


4282392064



# Inverse Universe

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



4284199421



4282098687



4284178685



4285758080



4278216383



4278198848



# Previews

## White Background



This preview shows how the Android color 4294813531 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 4294813531 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 4294813531 Background



This preview shows how black text looks on a background with the Android color 4294813531.



This preview shows how white text looks on a background with the Android color 4294813531.

# 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**  
4294813531

**Protanopia**  
4291738466

**Deuteranopia**  
4293309016



**Tritanopia**  
4294942891

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294813531 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(253, 167, 91) looks like.

```
.text, #text, p{  
    color:rgb(253, 167, 91)  
}
```

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(253, 167, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 167, 91) }
```

## Border

The CSS property to change the border of an element to Android 4294813531 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(253, 167, 91) }
```

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

```
.border{ border-color:rgb(253, 167, 91) }
```

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

Here you see how a box with a 4 pixel rgb(253, 167, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 167, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 167, 91);  
box-shadow:4px 4px 4px 4px rgb(253, 167,  
91) }
```

# Background

The CSS property to change the background color of an element to Android 4294813531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 167, 91) }
```

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

```
.background{ background-color: rgb(253,  
167, 91) }
```

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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