

# Converting Colors

Android(4294943796)

Have a look what the booklet for  
Android(4294943796) contains.

<b>Android(4294943796)</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(4294943796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA434
RGB	255, 164, 52
RGB Percent	100%, 64%, 20%
CMY	0.0000, 0.3569, 0.7961
CMYK	0.00, 0.36, 0.80, 0.00
HSL	33°, 100%, 60%
HSV	33°, 80%, 100%
XYZ	55.1353, 48.0589, 9.6192
YIQ	178.4410, 90.1880, -15.5400

# Conversions

## Conversions Part 2

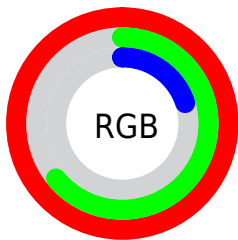
Format	Color
<a href="#">RYB</a>	<a href="#">217, 255, 52</a>
Decimal	<a href="#">16753716</a>
CIELab	<a href="#">74.86, 25.35, 67.58</a>
CIElCh	<a href="#">75, 72.182, 69.439</a>
Yxy	<a href="#">48.0589, 0.4887, 0.4260</a>
Android (android.graphics.Color)	<a href="#">4294943796 (0xFFFFA434)</a>
YUV	<a href="#">178.4410, -62.3354, 67.1422</a>
Hunter-Lab	<a href="#">69.3245, 20.6471, 40.3003</a>

# Details

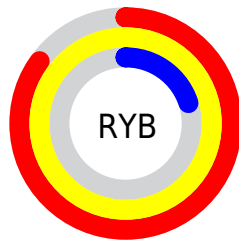
The Android color **4294943796** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4281634815**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4294957931**, and **4290867200** is the 20% darker color. If you saturate the color by 10%, you get **4294940954**, and if you desaturate by 10%, it is **4294946638**.

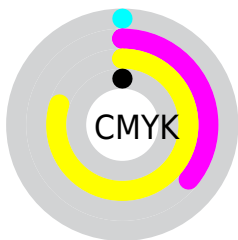
# Distribution



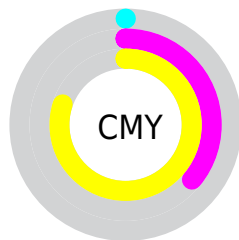
- Red (100%)
- Green (64%)
- Blue (20%)



- Red (85%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (80%)
- Black (0%)





















- Cyan (0%)
- Magenta (36%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294943796 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 4294943796 by changing the saturation by 10% instead.



 4294943796	 4294943796
 4294967295	 4292905491
 4294957931	 4290867200
 4294965382	 4288829184
 4294967202	 4286856960
 4294967230	 4284950784
 4294967259	 4283044352
 4294967288	 4281335808
	 4278714368
	 4278190080

4294943796

4294943796

4294940954

4294946638

4294937857

4294949735

4294937856

4294952577

4294955674

4294958515

4294961613

4294964455

4294967295

# Harmonies

## Analogous

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



4294936935



4294943796



4291279905

# Triad

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



4294943796



4278245580



4292255231

# Complementary

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



4294943796



4281634815

# 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.



4283349503



4294943796



4278245119

# Square

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



4294943796



4278244743



4278242559



4294935272

# Rectangle

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



4294943796



4288268088



4278242559



4290095103



# Sweetspot

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



4294943796



4294960322



4294915215



4286607195



4278190080



4286611584



# Same Dimension

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



4294943796



4294938890



4294311732



4286610035



4290734592



4282393344



# Inverse Universe

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



4281634815



4278876415



4282266879



4285757568



4278212287



4278197568



# Previews

## White Background



This preview shows how the Android color 4294943796 looks on a white background.

## Color Contrast Check

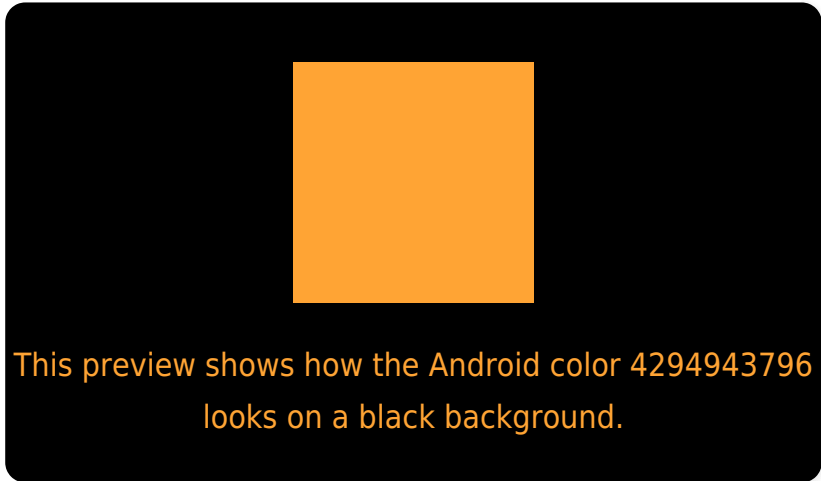
Large Text (above 18pt) WCAG AA × Fail

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 4294943796 Background



This preview shows how black text looks on a background with the Android color 4294943796.



This preview shows how white text looks on a background with the Android color 4294943796.

# 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**  
4294943796

**Protanopia**  
4291803449

**Deuteranopia**  
4293439279



**Tritanopia**  
4294942119

# Trichromacy



**Original Color**  
4294943796

**Protanomaly**  
4292915511

**Deuteranomaly**  
4293962545

**Tritanomaly**  
4294942845

# Monochromacy



**Original Color**  
4294943796

**Achromatopsia**  
4289901234

**Achromatomaly**  
4291734916

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294943796 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, 164, 52)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 52)  
}
```

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, 164, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 52) }
```

## Border

The CSS property to change the border of an element to Android 4294943796 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, 164, 52) }
```

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

```
.border{ border-color:rgb(255, 164, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 52);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
52) }
```

# Background

The CSS property to change the background color of an element to Android 4294943796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 52) }
```

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

```
.background{ background-color: rgb(255,  
164, 52) }
```

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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