

# Converting Colors

Android(4293492736)

Have a look what the booklet for  
Android(4293492736) contains.

<b>Android(4293492736)</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(4293492736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E98000
RGB	233, 128, 0
RGB Percent	91%, 50%, 0%
CMY	0.0863, 0.4980, 1.0000
CMYK	0.00, 0.45, 1.00, 0.09
HSL	33°, 100%, 46%
HSV	33°, 100%, 91%
XYZ	41.3234, 32.7620, 4.1457
YIQ	144.8030, 103.6680, -17.5480

# Conversions

## Conversions Part 2

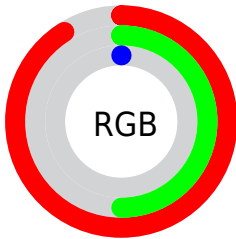
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 233, 0
Decimal	15302656
CIELab	63.97, 34.09, 70.59
CIELCh	64, 78.394, 64.221
Yxy	32.7620, 0.5282, 0.4188
Android (android.graphics.Color)	4293492736 (0xFFE98000)
YUV	144.8030, -71.3879, 77.3488
Hunter-Lab	57.2381, 28.7027, 35.7723

# Details

The Android color **4293492736** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **4278217193**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4294948423**, and **4289350912** is the 20% darker color. If you saturate the color by 10%, you get **4293492736**, and if you desaturate by 10%, it is **4293495319**.

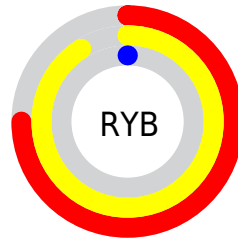
# Distribution



Red (91%)

Green (50%)

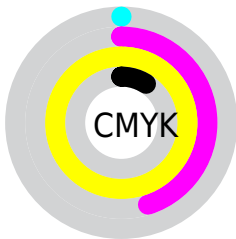
Blue (0%)



Red (75%)

Yellow (91%)

Blue (0%)

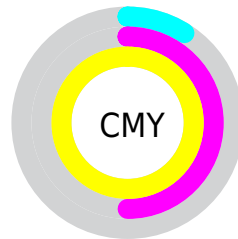


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (50%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293492736 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 4293492736 by changing the saturation by 10% instead.



 4293492736

 4293492736

4294967295

 4291388928

 4294948423

 4289350912

 4294955619

 4287313152

 4294962814

 4285340928

 4294967194

 4283433216

 4294967222

 4281663488

 4294967251

 4279435264

 4294967280

 4278190080

 4293492736

 4293495319

 4293498159

 4293500742

 4293503581

 4293506165

 4293509004

 4293511843

 4293514426

 4293517266

# Harmonies

## Analogous

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



4294926160



4293492736



4289829632

# Triad

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



4293492736



4278237859



4289102847

# Complementary

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



4293492736



4278217193

# 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.



4278231551



4293492736



4278237672

# Square

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



4293492736



4278236762



4278235903



4294270937

# Rectangle

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



4293492736



4286818304



4278235903



4286156543



# Sweetspot

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



4293492736



4294958515



4293460077



4286606162



4278190080



4286611584



# Same Dimension

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



4293492736



4294937600



4292995328



4285886570



4290077440



4281736448



# Inverse Universe

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



4278217193



4278219775



4278714601



4285165429



4278211253



4278196278



# Previews

## White Background



This preview shows how the Android color 4293492736 looks on a white background.

## Color Contrast Check

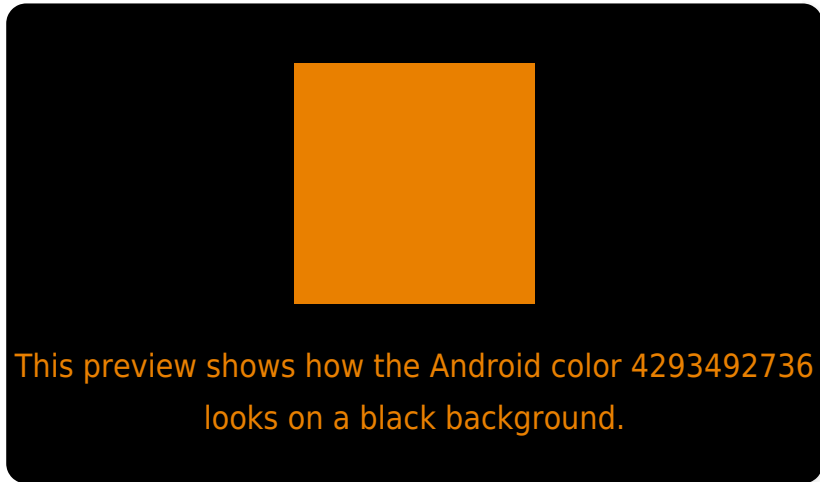
Large Text (above 18pt) WCAG AA × Fail

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 4293492736 Background



This preview shows how black text looks on a background with the Android color 4293492736.



This preview shows how white text looks on a background with the Android color 4293492736.

# 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



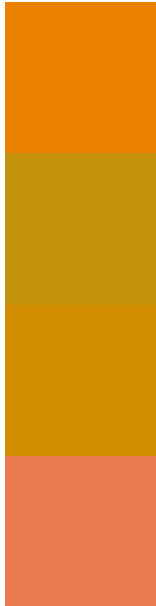
**Original Color**  
4293492736

**Protanopia**  
4289698835

**Deuteranopia**  
4291073024



# Trichromacy



**Original Color**  
4293492736

**Protanomaly**  
4291072524

**Deuteranomaly**  
4291923200

**Tritanomaly**  
4293687889

# Monochromacy



**Original Color**  
4293492736

**Achromatopsia**  
4287730065

**Achromatomaly**  
4289825628

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293492736 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(233, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(233, 128, 0)  
}
```

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(233, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 128, 0) }
```

## Border

The CSS property to change the border of an element to Android 4293492736 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(233, 128, 0) }
```

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

```
.border{ border-color:rgb(233, 128, 0) }
```

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

Here you see how a box with a 4 pixel rgb(233, 128, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(233, 128,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4293492736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 128, 0) }
```

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

```
.background{ background-color: rgb(233,  
128, 0) }
```

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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