

# Converting Colors

Android(4293829203)

Have a look what the booklet for  
Android(4293829203) contains.

<b>Android(4293829203)</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(4293829203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEA253
RGB	238, 162, 83
RGB Percent	93%, 64%, 33%
CMY	0.0667, 0.3647, 0.6745
CMYK	0.00, 0.32, 0.65, 0.07
HSL	31°, 82%, 63%
HSV	31°, 65%, 93%
XYZ	49.7416, 44.6423, 14.1788
YIQ	175.7180, 70.6550, -8.4570

# Conversions

## Conversions Part 2

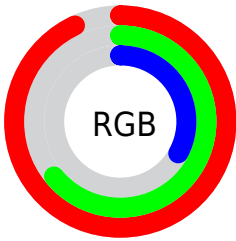
Format	Color
<b>R<sub>YB</sub></b>	232, 238, 83
Decimal	15639123
CIE <sub>Lab</sub>	72.66, 20.79, 51.48
CIE <sub>LCh</sub>	73, 55.522, 68.006
Yxy	44.6423, 0.4582, 0.4112
Android (android.graphics.Color)	4293829203 (0xFFEEA253)
YUV	175.7180, -45.7100, 54.6213
Hunter-Lab	66.8149, 15.9614, 34.1885

# Details

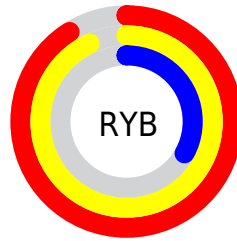
The Android color **4293829203** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **4283670510**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4294957447**, and **4289883680** is the 20% darker color. If you saturate the color by 10%, you get **4293826107**, and if you desaturate by 10%, it is **4293832299**.

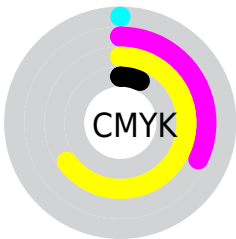
# Distribution



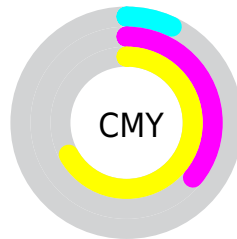
- Red (93%)
- Green (64%)
- Blue (33%)



- Red (91%)
- Yellow (93%)
- Blue (33%)



- Cyan (0%)
- Magenta (32%)
- Yellow (65%)
- Black (7%)



- Cyan (7%)
- Magenta (36%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293829203 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 4293829203 by changing the saturation by 10% instead.





4293829203



4293829203

4294967295



4291856442



4294957447



4289883680



4294964642



4287911424



4294967230



4286070272



4294967258



4284164096



4294967287



4282388992



4280811520



4278190080



4293829203



4293829203

 4293826107

 4293832299

 4293823267

 4293835139

 4293820172

 4293838234

 4293818624

 4293841330

 4293844170

 4293847266

 4293850362

 4293853183

# Harmonies

## Analogous

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



4294938742



4293829203



4291015753

# Triad

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



4293829203



4278242495



4291338239

# Complementary

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



4293829203



4283670510

# 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.



4285641727



4293829203



4278242031

# Square

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



4293829203



4282304906



4278239999



4294675929

# Rectangle

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



4293829203



4288724308



4278239999



4289767167

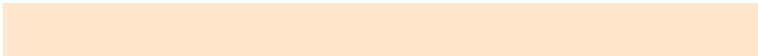


# Sweetspot

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



4293829203



4294960844



4293809057



4286607457



4278190080



4286611584



# Same Dimension

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



4293829203



4294942008



4293848659



4286083692



4290272768



4281867520



# Inverse Universe

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



4283670510



4281899775



4283651054



4285297272



4278213304



4278197304



# Previews

## White Background



This preview shows how the Android color 4293829203 looks on a white background.

## Color Contrast Check

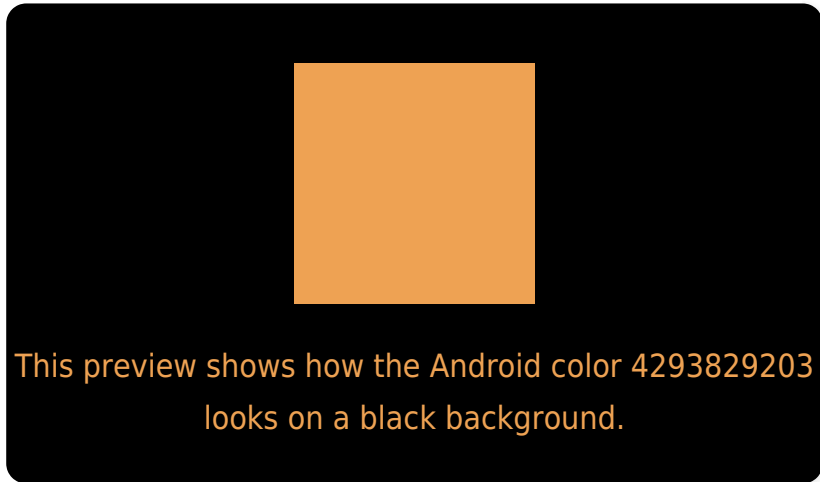
Large Text (above 18pt) WCAG AA × Fail

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 4293829203 Background



This preview shows how black text looks on a background with the Android color 4293829203.



This preview shows how white text looks on a background with the Android color 4293829203.

# 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**  
4293829203

**Protanopia**  
4291212120

**Deuteranopia**  
4292717137



# Trichromacy



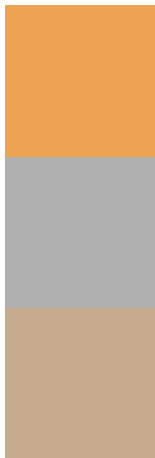
**Original Color**  
4293829203

**Protanomaly**  
4292193622

**Deuteranomaly**  
4293109586

**Tritanomaly**  
4294089863

# Monochromacy



**Original Color**  
4293829203

**Achromatopsia**  
4289769648

**Achromatomaly**  
4291275662

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293829203 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(238, 162, 83)` looks like.

```
.text, #text, p{  
    color:rgb(238, 162, 83)  
}
```

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(238, 162, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 162, 83) }
```

## Border

The CSS property to change the border of an element to Android 4293829203 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(238, 162, 83) }
```

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

```
.border{ border-color:rgb(238, 162, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 162, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 162, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 162, 83);  
box-shadow:4px 4px 4px 4px rgb(238, 162,  
83) }
```

# Background

The CSS property to change the background color of an element to Android 4293829203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 162, 83) }
```

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

```
.background{ background-color: rgb(238,  
162, 83) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor