

# Converting Colors

Android(4293634055)

Have a look what the booklet for  
Android(4293634055) contains.

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# **Color**

**Android(4293634055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBA807
RGB	235, 168, 7
RGB Percent	92%, 66%, 3%
CMY	0.0784, 0.3412, 0.9725
CMYK	0.00, 0.29, 0.97, 0.08
HSL	42°, 94%, 47%
HSV	42°, 97%, 92%
XYZ	48.3019, 45.6828, 6.4729
YIQ	169.6790, 91.6130, -35.8670

# Conversions

## Conversions Part 2

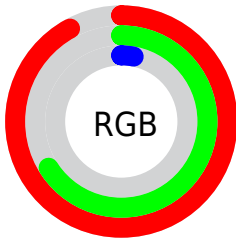
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 235, 7
Decimal	15443975
CIELab	73.34, 13.92, 75.98
CIELCh	73, 77.242, 79.616
Yxy	45.6828, 0.4808, 0.4547
Android (android.graphics.Color)	4293634055 (0xFFEBA807)
YUV	169.6790, -80.2007, 57.2865
Hunter-Lab	67.5890, 9.2827, 41.6342

# Details

The Android color **4293634055** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **4278668011**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4294958929**, and **4289557504** is the 20% darker color. If you saturate the color by 10%, you get **4293633536**, and if you desaturate by 10%, it is **4293635871**.

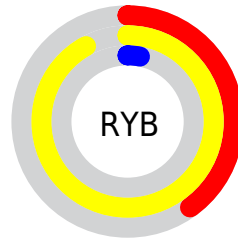
# Distribution



Red (92%)

Green (66%)

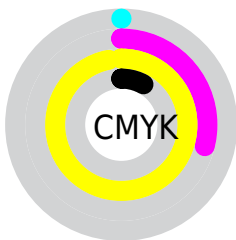
Blue (3%)



Red (40%)

Yellow (92%)

Blue (3%)

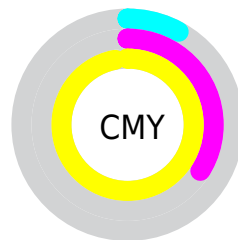


Cyan (0%)

Magenta (29%)

Yellow (97%)

Black (8%)



Cyan (8%)

Magenta (34%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293634055 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 4293634055 by changing the saturation by 10% instead.





4293634055



4293634055

4294967295



4291595776



4294958929



4289557504



4294966126



4287650816



4294967178



4285678592



4294967206



4283837952



4294967235



4282063104



4294967264



4280484096

4294967294



4278190080



4293634055



4293634055

■ 4293633536

■ 4293635871

■ 4293637686

■ 4293639502

■ 4293641317

■ 4293643132

■ 4293644692

■ 4293646507

■ 4293648323

■ 4293650139

# Harmonies

## Analogous

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



4294937161



4293634055



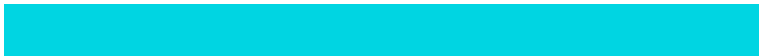
4289380108

# Triad

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



4293634055



4278244834



4294020351

# Complementary

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



4293634055



4278668011

# 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.



4286622975



4293634055



4278243839

# Square

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



4293634055



4278244248



4278240511



4294930640

# Rectangle

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



4293634055



4285843771



4278240511



4292122623



# Sweetspot

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



4293634055



4294961589



4293592907



4286607955



4278190080



4286611584



# Same Dimension

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



4293634055



4294947840



4290636551



4285887082



4290084864



4281738752



# Inverse Universe

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



4278668011



4278209535



4281665515



4285164917



4278203829



4278194230



# Previews

## White Background



This preview shows how the Android color 4293634055 looks on a white background.

## Color Contrast Check

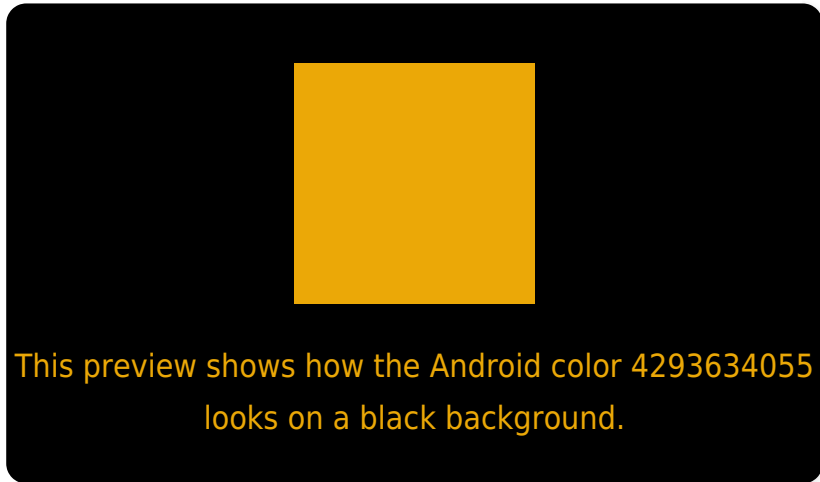
Large Text (above 18pt) WCAG AA × Fail

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 4293634055 Background



This preview shows how black text looks on a background with the Android color 4293634055.



This preview shows how white text looks on a background with the Android color 4293634055.

# 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**  
4293634055

**Protanopia**  
4291605776

**Deuteranopia**  
4293176064



**Tritanopia**  
4294155432

# Trichromacy



**Original Color**  
4293634055

**Protanomaly**  
4292325389

**Deuteranomaly**  
4293372419

**Tritanomaly**  
4293959789

# Monochromacy



**Original Color**  
4293634055

**Achromatopsia**  
4289374890

**Achromatomaly**  
4290947439

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293634055 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(235, 168, 7)` looks like.

```
.text, #text, p{  
    color:rgb(235, 168, 7)  
}
```

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(235, 168, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 168, 7) }
```

## Border

The CSS property to change the border of an element to Android 4293634055 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(235, 168, 7) }
```

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

```
.border{ border-color:rgb(235, 168, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 168, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 168, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 168, 7);  
box-shadow:4px 4px 4px 4px rgb(235, 168,  
7) }
```

# Background

The CSS property to change the background color of an element to Android 4293634055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 168, 7) }
```

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

```
.background{ background-color: rgb(235,  
168, 7) }
```

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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