

# Converting Colors

Android(4293569346)

Have a look what the booklet for  
Android(4293569346) contains.

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# **Color**

**Android(4293569346)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAAB42
RGB	234, 171, 66
RGB Percent	92%, 67%, 26%
CMY	0.0824, 0.3294, 0.7412
CMYK	0.00, 0.27, 0.72, 0.08
HSL	38°, 80%, 59%
HSV	38°, 72%, 92%
XYZ	49.4780, 47.0116, 11.6206
YIQ	177.8670, 71.2530, -19.2990

# Conversions

## Conversions Part 2

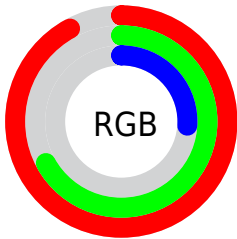
Format	Color
<a href="#">RYB</a>	<a href="#">167, 234, 66</a>
Decimal	<a href="#">15379266</a>
<a href="#">CIELab</a>	<a href="#">74.20, 13.44, 60.64</a>
<a href="#">CIElCh</a>	<a href="#">74, 62.115, 77.507</a>
<a href="#">Yxy</a>	<a href="#">47.0116, 0.4577, 0.4348</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293569346 (0xFFEAAB42)</a>
<a href="#">YUV</a>	<a href="#">177.8670, -55.1504, 49.2286</a>
<a href="#">Hunter-Lab</a>	<a href="#">68.5650, 8.8206, 37.9468</a>

# Details

The Android color **4293569346** 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 **4282548714**, and the grayscale version is **4289901234**.

A 20% lighter version of the original color is **4294959735**, and **4289623808** is the 20% darker color. If you saturate the color by 10%, you get **4293567019**, and if you desaturate by 10%, it is **4293571673**.

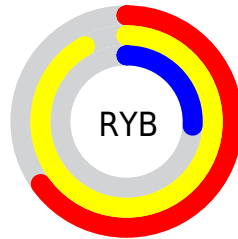
# Distribution



Red (92%)

Green (67%)

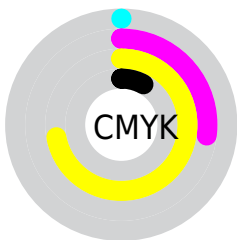
Blue (26%)



Red (65%)

Yellow (92%)

Blue (26%)

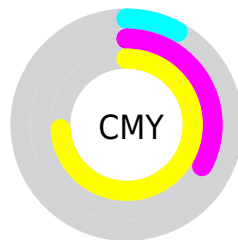


Cyan (0%)

Magenta (27%)

Yellow (72%)

Black (8%)



Cyan (8%)

Magenta (33%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293569346 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 4293569346 by changing the saturation by 10% instead.





4293569346



4293569346

4294967295



4291596582



4294959735



4289623808



4294967187



4287651328



4294967214



4285810432



4294967242



4283904000



4294967271



4282129152



4280550400



4278190080



4293569346



4293569346

 4293567019

 4293571673

 4293564691

 4293574001

 4293562880

 4293576072

 4293578400

 4293580727

 4293583054

 4293585126

 4293587453

 4293589759

# Harmonies

## Analogous

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



4294940004



4293569346



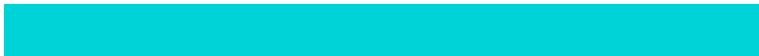
4290166338

# Triad

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



4293569346



4278244311



4293171711

# Complementary

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



4293569346



4282548714

# 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.



4287541759



4293569346



4278243327

# Square

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



4293569346



4278243740



4278240511



4294936273

# Rectangle

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



4293569346



4287416151



4278240511



4291666431



# Sweetspot

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



4293569346



4294961863



4293542530



4286608222



4278190080



4286611584



# Same Dimension

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



4293569346



4294946084



4292274754



4285886826



4290081024



4281737472



# Inverse Universe

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



4282548714



4280579839



4283843306



4285165173



4278207669



4278195254



# Previews

## White Background



This preview shows how the Android color 4293569346 looks on a white background.

## Color Contrast Check

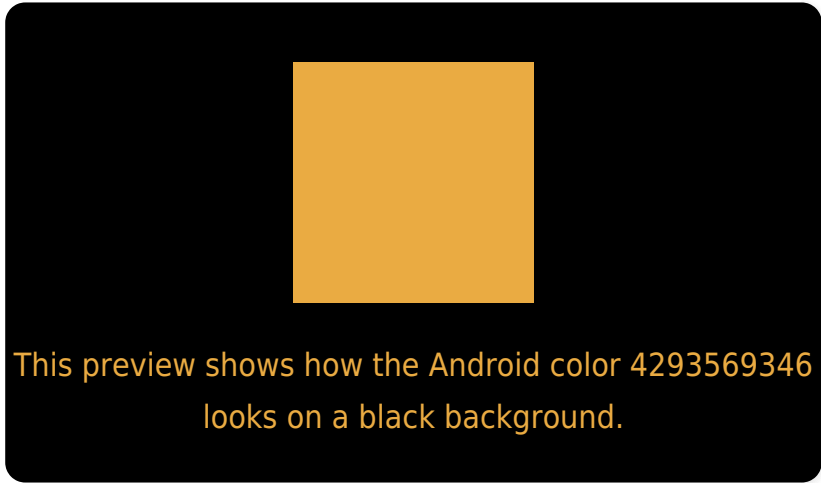
Large Text (above 18pt) WCAG AA × Fail

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 4293569346 Background



This preview shows how black text looks on a background with the Android color 4293569346.



This preview shows how white text looks on a background with the Android color 4293569346.

# 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**  
4293569346

**Protanopia**  
4291606341

**Deuteranopia**  
4293176897



**Tritanopia**  
4294025388

# Trichromacy



**Original Color**  
4293569346

**Protanomaly**  
4292326212

**Deuteranomaly**  
4293307713

**Tritanomaly**  
4293829765

# Monochromacy



**Original Color**  
4293569346

**Achromatopsia**  
4289901234

**Achromatomaly**  
4291211145

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293569346 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(234, 171, 66)` looks like.

```
.text, #text, p{  
    color:rgb(234, 171, 66)  
}
```

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(234, 171, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 171, 66) }
```

## Border

The CSS property to change the border of an element to Android 4293569346 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(234, 171, 66) }
```

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

```
.border{ border-color:rgb(234, 171, 66) }
```

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

Here you see how a box with a 4 pixel rgb(234, 171, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 171, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 171, 66);  
box-shadow:4px 4px 4px 4px rgb(234, 171,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4293569346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 171, 66) }
```

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

```
.background{ background-color: rgb(234,  
171, 66) }
```

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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