

# Converting Colors

Android(4293638237)

Have a look what the booklet for  
Android(4293638237) contains.

<b>Android(4293638237)</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(4293638237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBB85D
RGB	235, 184, 93
RGB Percent	92%, 72%, 36%
CMY	0.0784, 0.2784, 0.6353
CMYK	0.00, 0.22, 0.60, 0.08
HSL	38°, 78%, 64%
HSV	38°, 60%, 92%
XYZ	53.3772, 52.7335, 17.7212
YIQ	188.8750, 59.6070, -17.4890

# Conversions

## Conversions Part 2

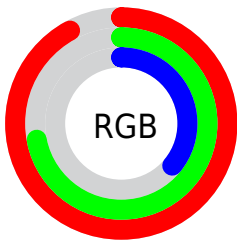
Format	Color
<a href="#">RYB</a>	<a href="#">173, 235, 93</a>
Decimal	<a href="#">15448157</a>
<a href="#">CIELab</a>	<a href="#">77.72, 8.56, 52.39</a>
<a href="#">CIElCh</a>	<a href="#">78, 53.081, 80.716</a>
<a href="#">Yxy</a>	<a href="#">52.7335, 0.4310, 0.4258</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4293638237 (0xFFE8B85D)</a>
<a href="#">YUV</a>	<a href="#">188.8750, -47.2664, 40.4516</a>
<a href="#">Hunter-Lab</a>	<a href="#">72.6178, 4.1240, 36.3637</a>

# Details

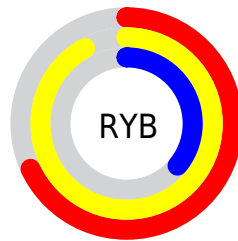
The Android color `4293638237` is a light color, and the websafe version is hex `FFCC66`. The color can be described as light muted orange. A complement of this color would be `4284322027`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4294963346`, and `4289757993` is the 20% darker color. If you saturate the color by 10%, you get `4293636165`, and if you desaturate by 10%, it is `4293640308`.

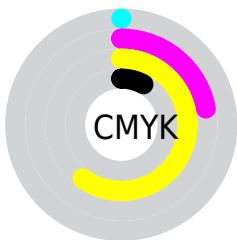
# Distribution



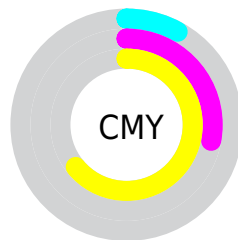
- Red (92%)
- Green (72%)
- Blue (36%)



- Red (68%)
- Yellow (92%)
- Blue (36%)



- Cyan (0%)
- Magenta (22%)
- Yellow (60%)
- Black (8%)



- Cyan (8%)
- Magenta (28%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293638237 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 4293638237 by changing the saturation by 10% instead.





4293638237



4293638237

4294967295



4291665219



4294963346



4289757993



4294967213



4287851018



4294967241



4286009856



4294967270



4284234496



4282459648



4280750592



4278190080



4293638237



4293638237

 4293636165

 4293640308

 4293633838

 4293642636

 4293631766

 4293644707

 4293629696

 4293647035

 4293649106

 4293651434

 4293653503

 4293655807

 4293656575

# Harmonies

## Analogous

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



4294944374



4293638237



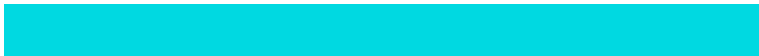
4290562145

# Triad

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



4293638237



4278245857



4293830399

# Complementary

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



4293638237



4284322027

# 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.



4289509887



4293638237



4278244863

# Square

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



4293638237



4280539311



4282305279



4294941138

# Rectangle

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



4293638237



4288139379



4282305279



4292586751



# Sweetspot

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



4293638237



4294963153



4293614993



4286608739



4278190080



4286611584



# Same Dimension

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



4293638237



4294949957



4292406109



4285886826



4290081792



4281737728



# Inverse Universe

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



4284322027



4282747135



4285554155



4285165173



4278206901



4278194998



# Previews

## White Background



This preview shows how the Android color 4293638237 looks on a white background.

## Color Contrast Check

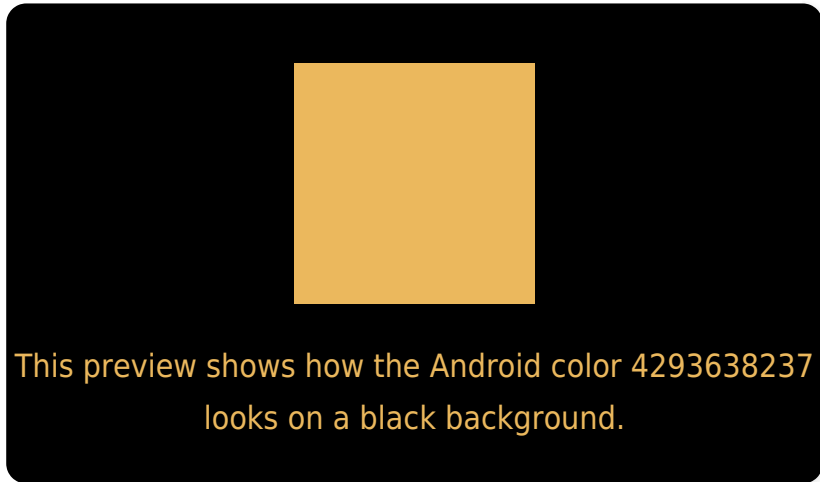
Large Text (above 18pt) WCAG AA × Fail

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 4293638237 Background



This preview shows how black text looks on a background with the Android color 4293638237.



This preview shows how white text looks on a background with the Android color 4293638237.

# 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**  
4293638237

**Protanopia**  
4292198752

**Deuteranopia**  
4293769053



**Tritanopia**  
4294160059

# Trichromacy



**Original Color**  
4293638237

**Protanomaly**  
4292722271

**Deuteranomaly**  
4293703517

**Tritanomaly**  
4293964441

# Monochromacy



**Original Color**  
4293638237

**Achromatopsia**  
4290624957

**Achromatomaly**  
4291738522

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293638237 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, 184, 93)` looks like.

```
.text, #text, p{  
    color:rgb(235, 184, 93)  
}
```

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, 184, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 184, 93) }
```

## Border

The CSS property to change the border of an element to Android 4293638237 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, 184, 93) }
```

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

```
.border{ border-color:rgb(235, 184, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 184, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 184, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 184, 93);  
box-shadow:4px 4px 4px 4px rgb(235, 184,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4293638237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 184, 93) }
```

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

```
.background{ background-color: rgb(235,  
184, 93) }
```

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