

# Converting Colors

Android(4293837354)

Have a look what the booklet for  
Android(4293837354) contains.

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# **Color**

**Android(4293837354)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEC22A
RGB	238, 194, 42
RGB Percent	93%, 76%, 16%
CMY	0.0667, 0.2392, 0.8353
CMYK	0.00, 0.18, 0.82, 0.07
HSL	47°, 85%, 55%
HSV	47°, 82%, 93%
XYZ	54.9696, 56.9279, 10.2815
YIQ	189.8280, 75.0160, -37.9440

# Conversions

## Conversions Part 2

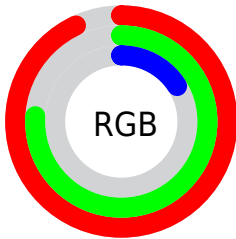
Format	Color
R <sub>Y</sub> B	99, 238, 42
Decimal	15647274
CIE Lab	80.14, 2.19, 74.68
CIE LCh	80, 74.715, 88.322
Yxy	56.9279, 0.4499, 0.4659
Android (android.graphics.Color)	4293837354 (0xFFEEC22A)
YUV	189.8280, -72.8792, 42.2468
Hunter-Lab	75.4506, -1.9921, 44.7361

# Details

The Android color **4293837354** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4280964846**, and the grayscale version is **4290690750**.

A 20% lighter version of the original color is **4294965862**, and **4289826048** is the 20% darker color. If you saturate the color by 10%, you get **4293836050**, and if you desaturate by 10%, it is **4293838658**.

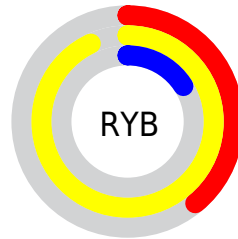
# Distribution



Red (93%)

Green (76%)

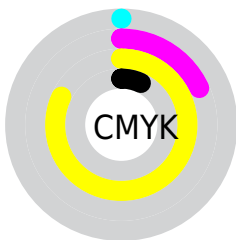
Blue (16%)



Red (39%)

Yellow (93%)

Blue (16%)

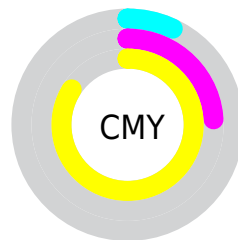


Cyan (0%)

Magenta (18%)

Yellow (82%)

Black (7%)



Cyan (7%)

Magenta (24%)



















Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293837354 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 4293837354 by changing the saturation by 10% instead.



 4293837354	 4293837354
 4294967295	 4291798784
 4294965862	 4289826048
 4294967171	 4287919104
 4294967199	 4286012160
 4294967228	 4284171264
 4294967257	 4282396160
 4294967286	 4280687104
	 4278583296
	 4278190080

■ 4293837354

■ 4293837354

■ 4293836050

■ 4293838658

■ 4293835008

■ 4293840218

■ 4293841521

■ 4293842825

■ 4293844385

■ 4293845689

■ 4293846993

■ 4293848552

■ 4293849855

# Harmonies

## Analogous

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



4294944590



4293837354



4289320512

# Triad

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



4293837354



4278249471



4294940927

# Complementary

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



4293837354



4280964846

# 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.



4290819839



4293837354



4278247679

# Square

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



4293837354



4278249664



4278243583



4294936014

# Rectangle

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



4293837354



4285456228



4278243583



4294943231



# Sweetspot

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



4293837354



4294963647



4293798488



4286609241



4278190080



4286611584



# Same Dimension

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



4293837354



4294952451



4290440746



4286084460



4290285056



4281871360



# Inverse Universe

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



4280964846



4278402047



4284361454



4285296504



4278200760



4278193464



# Previews

## White Background



This preview shows how the Android color 4293837354 looks on a white background.

## Color Contrast Check

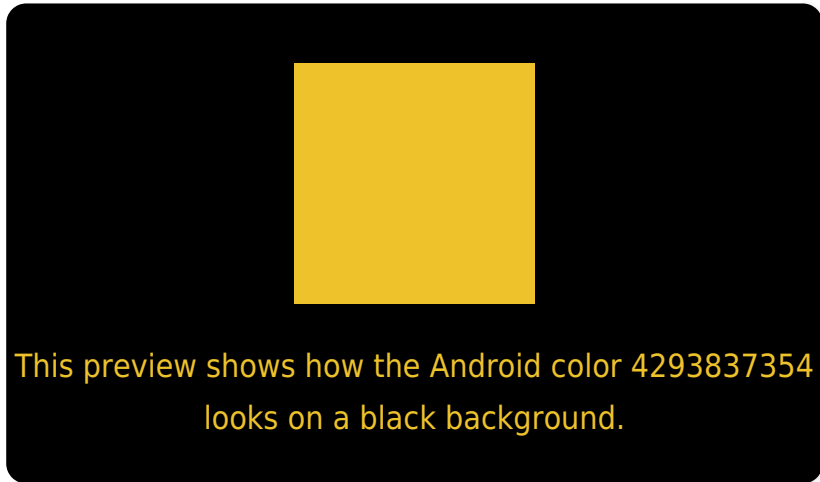
Large Text (above 18pt) WCAG AA × Fail

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 4293837354 Background



This preview shows how black text looks on a background with the Android color 4293837354.



This preview shows how white text looks on a background with the Android color 4293837354.

# 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**  
4293837354

**Protanopia**  
4292921131

**Deuteranopia**  
4294622509



**Tritanopia**  
4294489539

# Trichromacy



**Original Color**  
4293837354

**Protanomaly**  
4293248299

**Deuteranomaly**  
4294360876

**Tritanomaly**  
4294228619

# Monochromacy



**Original Color**  
4293837354

**Achromatopsia**  
4290690750

**Achromatomaly**  
4291805064

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293837354 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, 194, 42)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 42)  
}
```

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, 194, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 42) }
```

## Border

The CSS property to change the border of an element to Android 4293837354 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, 194, 42) }
```

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

```
.border{ border-color:rgb(238, 194, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 194, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 42);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
42) }
```

# Background

The CSS property to change the background color of an element to Android 4293837354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 42) }
```

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

```
.background{ background-color: rgb(238,  
194, 42) }
```

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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