

# Converting Colors

Android(4293313113)

Have a look what the booklet for  
Android(4293313113) contains.

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# **Color**

**Android(4293313113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6C259
RGB	230, 194, 89
RGB Percent	90%, 76%, 35%
CMY	0.0980, 0.2392, 0.6510
CMYK	0.00, 0.16, 0.61, 0.10
HSL	45°, 74%, 63%
HSV	45°, 61%, 90%
XYZ	53.7281, 56.1278, 17.4532
YIQ	192.7940, 55.1610, -25.0230

# Conversions

## Conversions Part 2

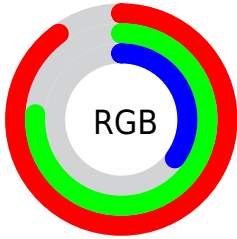
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 230, 89
Decimal	15123033
CIELab	79.69, 0.98, 56.33
CIELCh	80, 56.342, 89.006
Yxy	56.1278, 0.4220, 0.4409
Android (android.graphics.Color)	4293313113 (0xFFE6C259)
YUV	192.7940, -51.1704, 32.6297
Hunter-Lab	74.9185, -3.0955, 38.6306

# Details

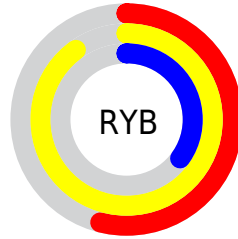
The Android color `4293313113` is a light color, and the websafe version is hex `FFCC66`. The color can be described as light muted yellow. A complement of this color would be `4284055014`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4294965902`, and `4289432867` is the 20% darker color. If you saturate the color by 10%, you get `4293311554`, and if you desaturate by 10%, it is `4293314672`.

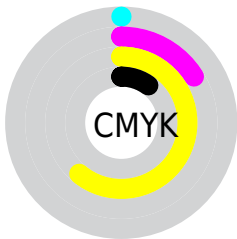
# Distribution



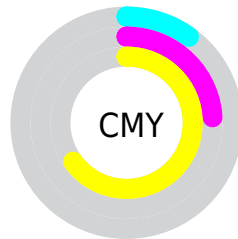
- Red (90%)
- Green (76%)
- Blue (35%)



- Red (54%)
- Yellow (90%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (61%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293313113 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 4293313113 by changing the saturation by 10% instead.





4293313113



4293313113

4294967295



4291340095



4294965902



4289432867



4294967210



4287591168



4294967238



4285750016



4294967267



4283974656



4282199552



4280556032



4278190080



4293313113



4293313113

4293311554

4293314672

4293309995

4293316231

4293308436

4293317790

4293307136

4293319093

4293320652

4293322211

4293323770

4293325311

4293326847

# Harmonies

## Analogous

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



4294946668



4293313113



4289843558

# Triad

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



4293313113



4278247415



4294943996

# Complementary

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



4293313113



4284055014

# 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.



4291213567



4293313113



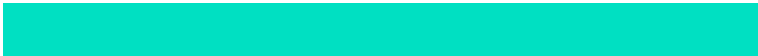
4278245887

# Square

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



4293313113



4278247618



4284534015



4294941129

# Rectangle

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



4293313113



4287093118



4284534015



4294159359



# Sweetspot

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



4293313113



4294964177



4293286271



4286609507



4278190080



4286611584



# Same Dimension

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



4293313113



4294954818



4291159641



4285755495



4289955072



4281542144



# Inverse Universe

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



4284055014



4282544895



4286208486



4284967539



4278202035



4278193459



# Previews

## White Background



This preview shows how the Android color 4293313113 looks on a white background.

## Color Contrast Check

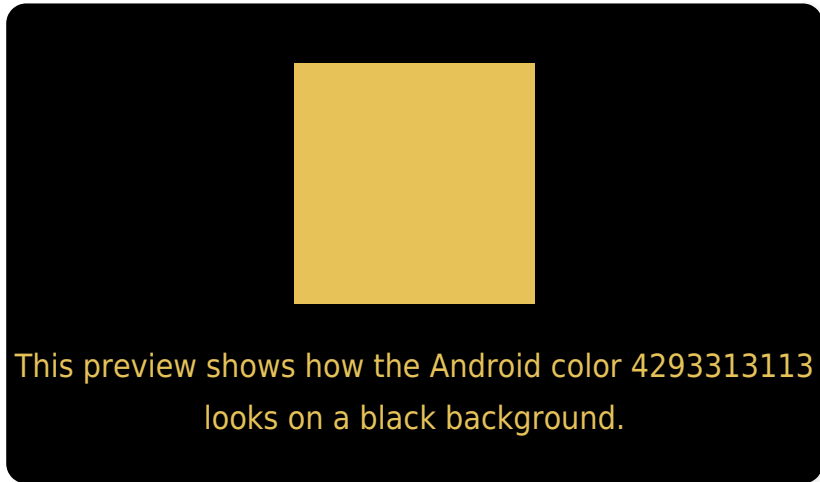
Large Text (above 18pt) WCAG AA × Fail

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 4293313113 Background



This preview shows how black text looks on a background with the Android color 4293313113.



This preview shows how white text looks on a background with the Android color 4293313113.

# 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**  
4293313113

**Protanopia**  
4292593242

**Deuteranopia**  
4294229083



**Tritanopia**  
4293899973

# Trichromacy



**Original Color**  
4293313113

**Protanomaly**  
4292855130

**Deuteranomaly**  
4293901914

**Tritanomaly**  
4293704350

# Monochromacy



**Original Color**  
4293313113

**Achromatopsia**  
4290888129

**Achromatomaly**  
4291740059

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293313113 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(230, 194, 89)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 89)  
}
```

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(230, 194, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 89) }
```

## Border

The CSS property to change the border of an element to Android 4293313113 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(230, 194, 89) }
```

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

```
.border{ border-color:rgb(230, 194, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 194, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 194, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 194, 89);  
box-shadow:4px 4px 4px 4px rgb(230, 194,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4293313113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 89) }
```

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

```
.background{ background-color: rgb(230,  
194, 89) }
```

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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