

# Converting Colors

Android(4293715049)

Have a look what the booklet for  
Android(4293715049) contains.

<b>Android(4293715049)</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(4293715049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE469
RGB	236, 228, 105
RGB Percent	93%, 89%, 41%
CMY	0.0745, 0.1059, 0.5882
CMYK	0.00, 0.03, 0.56, 0.07
HSL	56°, 78%, 67%
HSV	56°, 56%, 93%
XYZ	64.8853, 74.3396, 24.2938
YIQ	216.3700, 44.2510, -36.5570

# Conversions

## Conversions Part 2

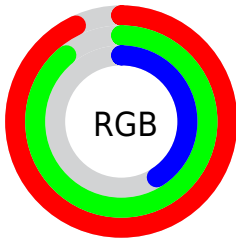
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 236, 105
Decimal	15524969
CIELab	89.08, -12.69, 59.87
CIELCh	89, 61.202, 101.963
Yxy	74.3396, 0.3968, 0.4546
Android (android.graphics.Color)	4293715049 (0xFFECE469)
YUV	216.3700, -54.9054, 17.2155
Hunter-Lab	86.2204, -16.5553, 43.6485

# Details

The Android color `4293715049` is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be `4285100524`, and the grayscale version is `4292467161`.

A 20% lighter version of the original color is `4294967200`, and `4289899826` is the 20% darker color. If you saturate the color by 10%, you get `4293714769`, and if you desaturate by 10%, it is `4293715329`.

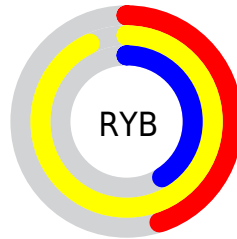
# Distribution



Red (93%)

Green (89%)

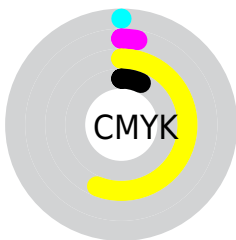
Blue (41%)



Red (45%)

Yellow (93%)

Blue (41%)

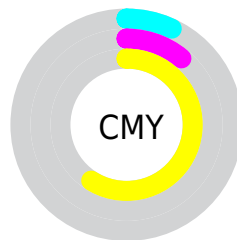


Cyan (0%)

Magenta (3%)

Yellow (56%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293715049 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 4293715049 by changing the saturation by 10% instead.





4293715049



4293715049

4294967295



4291741774



4294967200



4289899826



4294967228



4287992338



4294967256



4286150912



4294967286



4284375040



4282665216



4280955392



4279311872



4278190080

■ 4293715049

■ 4293715049

■ 4293714769

■ 4293715329

■ 4293714234

■ 4293715864

■ 4293713954

■ 4293716144

■ 4293713419

■ 4293716679

■ 4293713408

■ 4293716959

■ 4293717495

■ 4293717759

■ 4293718271

■ 4293718527

# Harmonies

## Analogous

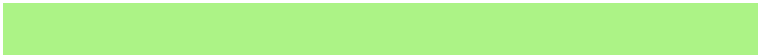
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294955119



4293715049



4289524614

# Triad

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



4293715049



4278254335



4294948095

# Complementary

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



4293715049



4285100524

# 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.



4294952959



4293715049



4278251775

# Square

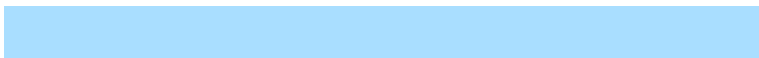
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4293715049



4278255350



4289322751



4294946762

# Rectangle

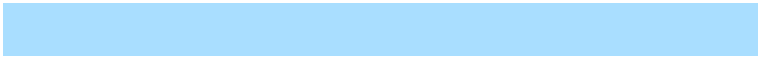
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293715049



4285987239



4289322751



4294949375



# Sweetspot

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



4293715049



4294966484



4293683570



4286611046



4278190080



4286611584



# Same Dimension

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



4293715049



4294964564



4289981545



4285887850



4290095616



4281741824



# Inverse Universe

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



4285100524



4283719679



4288834028



4285164149



4278193077

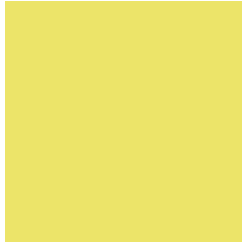


4278190902



# Previews

## White Background



This preview shows how the Android color 4293715049 looks on a white background.

## Color Contrast Check

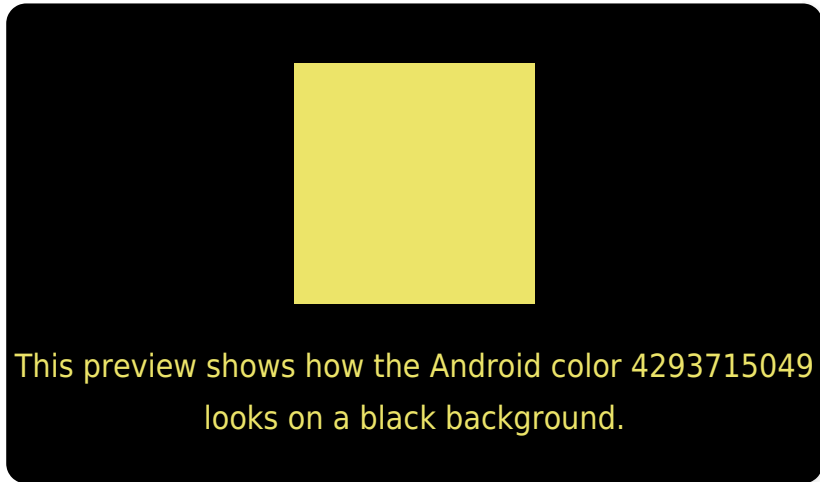
Large Text (above 18pt) WCAG AA × Fail

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 4293715049 Background



This preview shows how black text looks on a background with the Android color 4293715049.



This preview shows how white text looks on a background with the Android color 4293715049.

# 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**  
4293715049

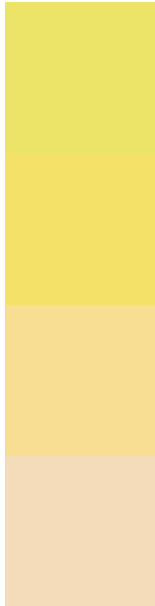
**Protanopia**  
4294500456

**Deuteranopia**  
4294957738



**Tritanopia**  
4294498023

# Trichromacy



**Original Color**  
4293715049

**Protanomaly**  
4294238568

**Deuteranomaly**  
4294499986

**Tritanomaly**  
4294237113

# Monochromacy



**Original Color**  
4293715049

**Achromatopsia**  
4292401368

**Achromatomaly**  
4292861104

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293715049 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(236, 228, 105)` looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 105)  
}
```

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(236, 228, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 105) }
```

## Border

The CSS property to change the border of an element to Android 4293715049 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(236, 228, 105) }
```

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

```
.border{ border-color:rgb(236, 228, 105) }
```

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

Here you see how a box with a 4 pixel rgb(236, 228, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 228, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 228, 105);  
box-shadow:4px 4px 4px 4px rgb(236, 228,  
105) }
```

# Background

The CSS property to change the background color of an element to Android 4293715049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 105) }
```

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

```
.background{ background-color: rgb(236,  
228, 105) }
```

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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