

# Converting Colors

Android(4294368604)

Have a look what the booklet for  
Android(4294368604) contains.

<b>Android(4294368604)</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(4294368604)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6DD5C
RGB	246, 221, 92
RGB Percent	96%, 87%, 36%
CMY	0.0353, 0.1333, 0.6392
CMYK	0.00, 0.10, 0.63, 0.04
HSL	50°, 90%, 66%
HSV	50°, 63%, 96%
XYZ	65.7943, 72.0784, 20.5700
YIQ	213.7690, 56.3090, -34.8190

# Conversions

## Conversions Part 2

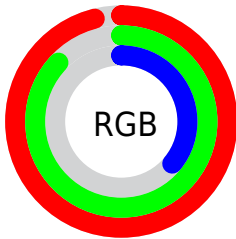
Format	Color
R <sub>Y</sub> B	122, 246, 92
Decimal	16178524
CIE Lab	88.01, -6.00, 64.56
CIE LCh	88, 64.840, 95.310
Yxy	72.0784, 0.4153, 0.4549
Android (android.graphics.Color)	4294368604 (0xFFFF6DD5C)
YUV	213.7690, -60.0321, 28.2666
Hunter-Lab	84.8990, -10.2410, 45.0641

# Details

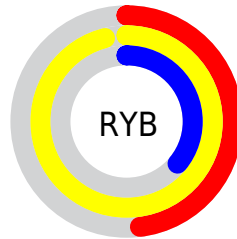
The Android color `4294368604` is a light color, and the websafe version is hex `CCCC33`. The color can be described as light muted yellow. A complement of this color would be `4284249590`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294967187`, and `4290422306` is the 20% darker color. If you saturate the color by 10%, you get `4294367555`, and if you desaturate by 10%, it is `4294369653`.

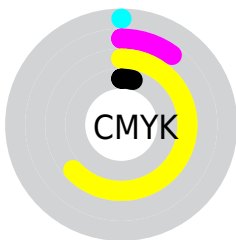
# Distribution



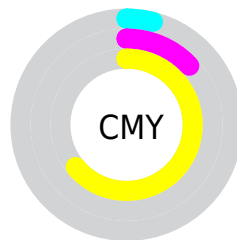
- Red (96%)
- Green (87%)
- Blue (36%)



- Red (48%)
- Yellow (96%)
- Blue (36%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (4%)


















- Cyan (4%)
- Magenta (13%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294368604 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 4294368604 by changing the saturation by 10% instead.



 4294368604	 4294368604
4294967295	 4292395328
 4294967187	 4290422306
 4294967215	 4288515072
 4294967243	 4286673664
 4294967272	 4284897792
	 4283056896
	 4281347584
	 4279769344
	 4278190080

4294368604

4294368604

4294367555

4294369653

4294366507

4294370701

4294365458

4294371750

4294364672

4294372798

4294373847

4294374896

4294375935

4294376959

4294377471

# Harmonies

## Analogous

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



4294952812



4294368604



4290113139

# Triad

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



4294368604



4278254335



4294947327

# Complementary

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



4294368604



4284249590

# 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.



4293904639



4294368604



4278252031

# Square

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



4294368604



4278254822



4286701823



4294944724

# Rectangle

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



4294368604



4286641556



4286701823



4294949119



# Sweetspot

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



4294368604



4294965199



4294335606



4286610274



4278190080



4286611584



# Same Dimension

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



4294368604



4294959168



4291032668



4286216302



4290419712



4282069248



# Inverse Universe

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



4284249590



4282408959



4287585526



4285427834



4278197946

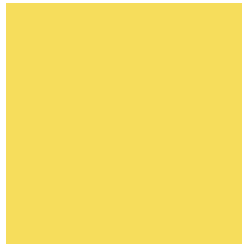


4278192699



# Previews

## White Background



This preview shows how the Android color 4294368604 looks on a white background.

## Color Contrast Check

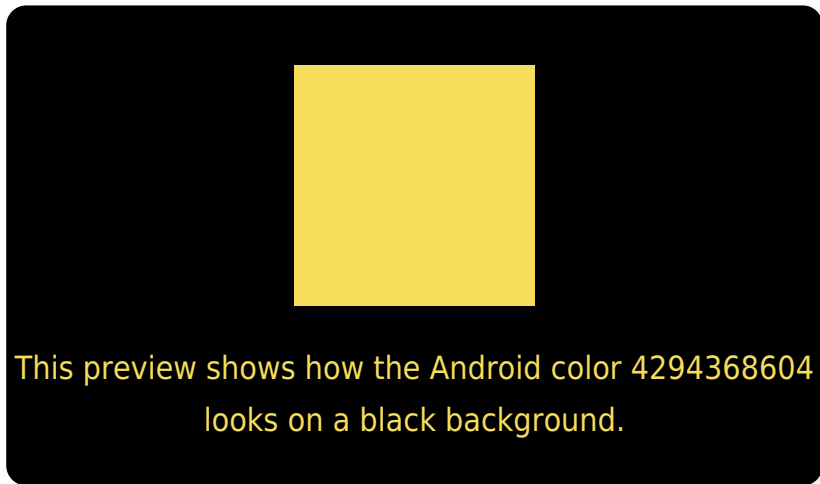
Large Text (above 18pt) WCAG AA × Fail

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 4294368604 Background



This preview shows how black text looks on a background with the Android color 4294368604.



This preview shows how white text looks on a background with the Android color 4294368604.

# 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**  
4294368604

**Protanopia**  
4294368604

**Deuteranopia**  
4294956702



**Tritanopia**  
4294955231

# Trichromacy



**Original Color**  
4294368604

**Protanomaly**  
4294368604

**Deuteranomaly**  
4294760838

**Tritanomaly**  
4294759855

# Monochromacy



**Original Color**  
4294368604

**Achromatopsia**  
4292269782

**Achromatomaly**  
4293056938

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294368604 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(246, 221, 92)` looks like.

```
.text, #text, p{  
    color:rgb(246, 221, 92)  
}
```

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(246, 221, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 221, 92) }
```

## Border

The CSS property to change the border of an element to Android 4294368604 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(246, 221, 92) }
```

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

```
.border{ border-color:rgb(246, 221, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 221, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 221, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 221, 92);  
box-shadow:4px 4px 4px 4px rgb(246, 221,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4294368604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 221, 92) }
```

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

```
.background{ background-color: rgb(246,  
221, 92) }
```

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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