

# Converting Colors

Android(4291086174)

Have a look what the booklet for  
Android(4291086174) contains.

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# **Color**

**Android(4291086174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4C75E
RGB	196, 199, 94
RGB Percent	77%, 78%, 37%
CMY	0.2314, 0.2196, 0.6314
CMYK	0.02, 0.00, 0.53, 0.22
HSL	62°, 48%, 57%
HSV	62°, 53%, 78%
XYZ	45.2088, 53.3908, 18.5124
YIQ	186.1330, 31.9170, -33.2910

# Conversions

## Conversions Part 2

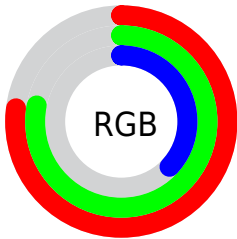
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 199, 97
Decimal	12896094
CIELab	78.11, -15.33, 51.45
CIELCh	78, 53.687, 106.587
Yxy	53.3908, 0.3860, 0.4559
Android (android.graphics.Color)	4291086174 (0xFFC4C75E)
YUV	186.1330, -45.4216, 8.6534
Hunter-Lab	73.0690, -17.4304, 36.1269

# Details

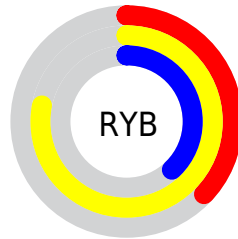
The Android color **4291086174** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **4284571335**, and the grayscale version is **4290493371**.

A 20% lighter version of the original color is **4294901651**, and **4287402282** is the 20% darker color. If you saturate the color by 10%, you get **4291020618**, and if you desaturate by 10%, it is **4291151730**.

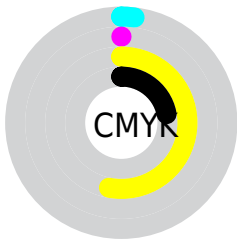
# Distribution



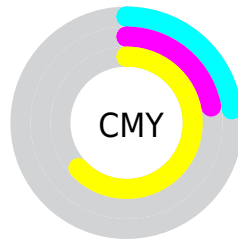
- Red (77%)
- Green (78%)
- Blue (37%)



- Red (37%)
- Yellow (78%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (53%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291086174 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 4291086174 by changing the saturation by 10% instead.





4291086174



4291086174

4294967295



4289244228



4294901651



4287402282



4294967215



4285626377



4294967243



4283850496



4294967271



4282205952



4280496384



4278590720



4278190080



4291086174



4291086174

■ 4291020618

■ 4291151730

■ 4291020598

■ 4291151750

■ 4290955042

■ 4291217306

■ 4290955022

■ 4291217326

■ 4290889472

■ 4291282882

■ 4291282901

■ 4291348457

■ 4291414013

■ 4291414015

# Harmonies

## Analogous

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



4294096735



4291086174



4287353722

# Triad

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



4291086174



4278245375



4294941402

# Complementary

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



4291086174



4284571335

# 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.



4293437951



4291086174



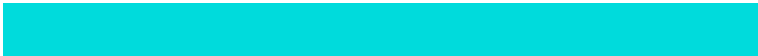
4279619071

# Square

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



4291086174



4278246364



4288790015



4294940839

# Rectangle

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



4291086174



4284209304



4288790015



4294942442



# Sweetspot

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



4291086174



4294901718



4291256414



4286546023



4278190080



4286611584



# Same Dimension

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



4291086174



4294639454



4287743838



4284703578



4288652032



4280493056



# Inverse Universe

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



4284571335



4284702463



4287913671



4284111459



4278517923



4278255652



# Previews

## White Background



This preview shows how the Android color 4291086174 looks on a white background.

## Color Contrast Check

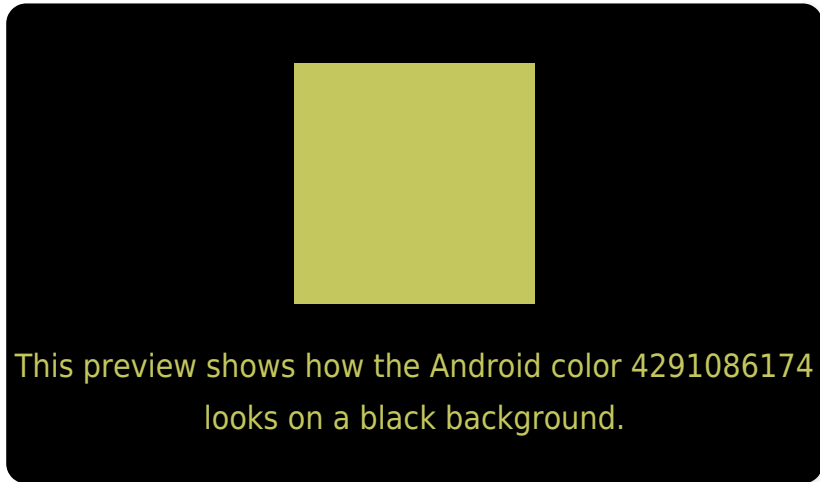
Large Text (above 18pt) WCAG AA × Fail

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 4291086174 Background



This preview shows how black text looks on a background with the Android color 4291086174.



This preview shows how white text looks on a background with the Android color 4291086174.

# 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**  
4291086174

**Protanopia**  
4292264284

**Deuteranopia**  
4293769314



**Tritanopia**  
4291804106

# Trichromacy



**Original Color**  
4291086174

**Protanomaly**  
4291806045

**Deuteranomaly**  
4292787553

**Tritanomaly**  
4291542947

# Monochromacy



**Original Color**  
4291086174

**Achromatopsia**  
4290427578

**Achromatomaly**  
4290690969

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291086174 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(196, 199, 94)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 94)  
}
```

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(196, 199, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 94) }
```

## Border

The CSS property to change the border of an element to Android 4291086174 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(196, 199, 94) }
```

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

```
.border{ border-color:rgb(196, 199, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 94);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
94) }
```

# Background

The CSS property to change the background color of an element to Android 4291086174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 94) }
```

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

```
.background{ background-color: rgb(196,  
199, 94) }
```

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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