

# Converting Colors

Android(4291886686)

Have a look what the booklet for  
Android(4291886686) contains.

<b>Android(4291886686)</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(4291886686)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0FE5E
RGB	208, 254, 94
RGB Percent	82%, 100%, 37%
CMY	0.1843, 0.0039, 0.6314
CMYK	0.18, 0.00, 0.63, 0.00
HSL	77°, 99%, 68%
HSV	77°, 63%, 100%
XYZ	63.4746, 85.1017, 23.6705
YIQ	222.0060, 23.9440, -59.5120

# Conversions

## Conversions Part 2

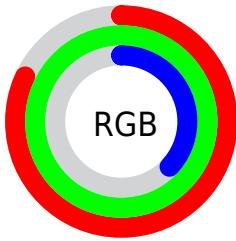
Format	Color
<b>RYB</b>	94, 254, 140
Decimal	13696606
CIELab	93.93, -36.78, 69.27
CIElCh	94, 78.430, 117.966
Yxy	85.1017, 0.3685, 0.4941
Android (android.graphics.Color)	4291886686 (0xFFD0FE5E)
YUV	222.0060, -63.1070, -12.2833
Hunter-Lab	92.2506, -38.6184, 49.3622

# Details

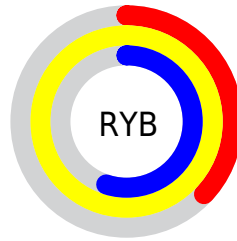
The Android color **4291886686** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **4287389438**, and the grayscale version is **4292861919**.

A 20% lighter version of the original color is **4294967190**, and **4288070943** is the 20% darker color. If you saturate the color by 10%, you get **4291427909**, and if you desaturate by 10%, it is **4292345463**.

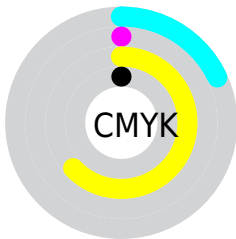
# Distribution



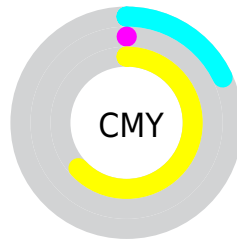
- Red (82%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (55%)



- Cyan (18%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291886686 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 4291886686 by changing the saturation by 10% instead.



 4291886686

 4291886686

4294967295

 4289978689

 4294967190

 4288070943

 4294967219

 4286228992

 4294967248

 4284387072

 4294967277

 4282545408

 4280572928

 4278207488

 4278201600

 4278195712

■ 4291886686

■ 4291886686

■ 4291427909

■ 4292345463

■ 4290903595

■ 4292869777

■ 4290444818

■ 4293328554

■ 4290117120

■ 4293787332

■ 4294311645

■ 4294770422

4294967039

# Harmonies

## Analogous

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



4294961227



4291886686



4285071257

# Triad

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



4291886686



4278255615



4294945270

# Complementary

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



4291886686



4287389438

# 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.



4294950143



4291886686



4278253823

# Square

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



4291886686



4278255615



4293385471



4294946987

# Rectangle

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



4291886686



4278255563



4293385471



4294946303

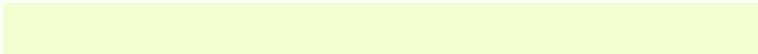


# Sweetspot

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



4291886686



4294049743



4294871902



4286021730



4278190080



4286611584



# Same Dimension

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



4291886686



4291297085



4286709342



4286349427



4287151872



4281155584



# Inverse Universe

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



4287389438



4285873663



4292566782



4285952896



4281794751

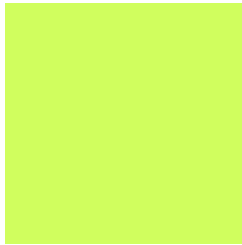


4279369792



# Previews

## White Background



This preview shows how the Android color 4291886686 looks on a white background.

## Color Contrast Check

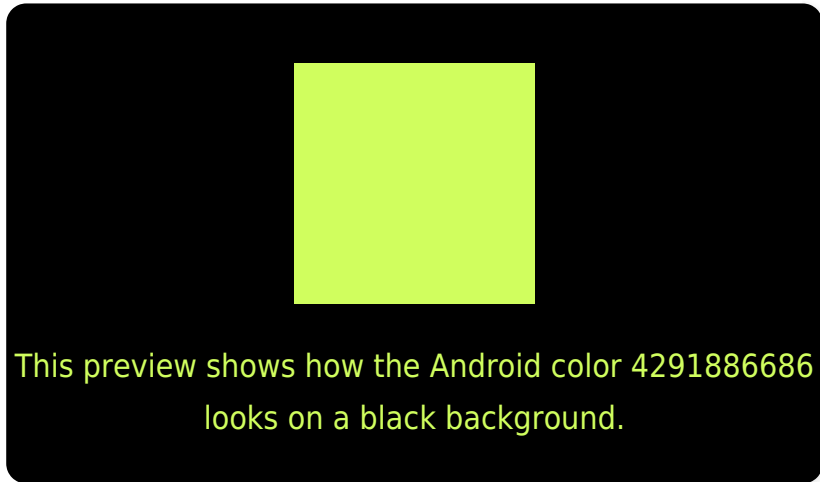
Large Text (above 18pt) WCAG AA × Fail

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 4291886686 Background



This preview shows how black text looks on a background with the Android color 4291886686.

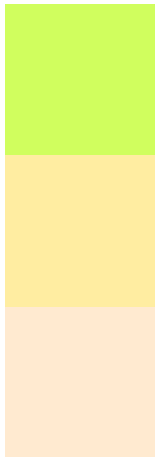


This preview shows how white text looks on a background with the Android color 4291886686.

# 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](#).

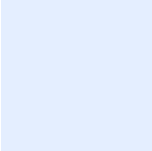
## Dichromacy



**Original Color**  
4291886686

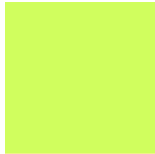
**Protanopia**  
4294962593

**Deuteranopia**  
4294961872

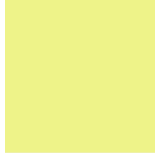


**Tritanopia**  
4293193471

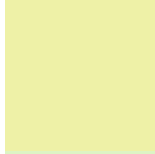
# Trichromacy



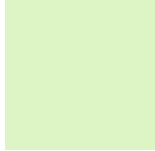
**Original Color**  
4291886686



**Protanomaly**  
4293849993

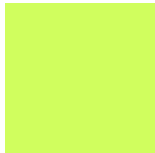


**Deuteranomaly**  
4293849511

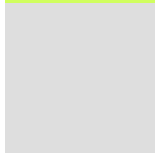


**Tritanomaly**  
4292736196

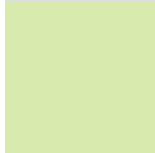
# Monochromacy



**Original Color**  
4291886686



**Achromatopsia**  
4292796126



**Achromatomaly**  
4292471471

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291886686 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(208, 254, 94)` looks like.

```
.text, #text, p{  
    color:rgb(208, 254, 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(208, 254, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 254, 94) }
```

## Border

The CSS property to change the border of an element to Android 4291886686 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(208, 254, 94) }
```

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

```
.border{ border-color:rgb(208, 254, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 254, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 254, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 254, 94);  
box-shadow:4px 4px 4px 4px rgb(208, 254,  
94) }
```

# Background

The CSS property to change the background color of an element to Android 4291886686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 254, 94) }
```

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

```
.background{ background-color: rgb(208,  
254, 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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