

# Converting Colors

Android(4291688302)

Have a look what the booklet for  
Android(4291688302) contains.

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# **Color**

**Android(4291688302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDF76E
RGB	205, 247, 110
RGB Percent	80%, 97%, 43%
CMY	0.1961, 0.0314, 0.5686
CMYK	0.17, 0.00, 0.55, 0.03
HSL	78°, 90%, 70%
HSV	78°, 55%, 97%
XYZ	61.2521, 80.6265, 27.0860
YIQ	218.8240, 18.9450, -51.5110

# Conversions

## Conversions Part 2

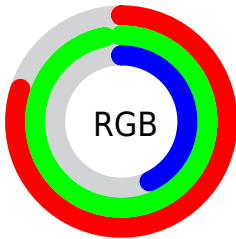
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 247, 152
Decimal	13498222
CIELab	91.97, -33.49, 60.36
CIElCh	92, 69.029, 119.019
Yxy	80.6265, 0.3625, 0.4772
Android (android.graphics.Color)	4291688302 (0xFFCDF76E)
YUV	218.8240, -53.6502, -12.1236
Hunter-Lab	89.7922, -35.3720, 44.9696

# Details

The Android color `4291688302` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4288179959`, and the grayscale version is `4292598747`.

A 20% lighter version of the original color is `4294967205`, and `4287938359` is the 20% darker color. If you saturate the color by 10%, you get `4291163989`, and if you desaturate by 10%, it is `4292212615`.

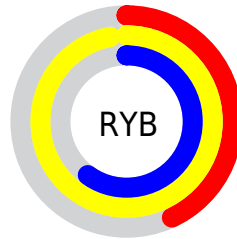
# Distribution



Red (80%)

Green (97%)

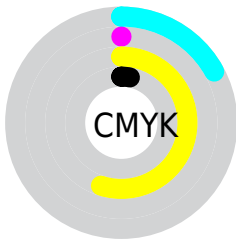
Blue (43%)



Red (43%)

Yellow (97%)

Blue (60%)

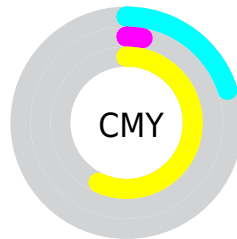


Cyan (17%)

Magenta (0%)

Yellow (55%)

Black (3%)



Cyan (20%)

Magenta (3%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291688302 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 4291688302 by changing the saturation by 10% instead.





4291688302



4291688302

4294967295



4289780307



4294967205



4287938359



4294967233



4286096150



4294967262



4284320000



4294967292



4282478336



4280702720



4278271744



4278200576



4278193408

4291688302

4291688302

4291163989

4292212615

4290705213

4292671391

4290180900

4293195704

4289722123

4293654481

4289459968

4294178794

4294637567

4294965247

# Harmonies

## Analogous

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



4294960221



4291688302



4285988769

# Triad

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



4291688302



4278255615



4294946541

# Complementary

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



4291688302



4288179959

# 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.



4294950399



4291688302



4284018943

# Square

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



4291688302



4278255615



4293384191



4294948267

# Rectangle

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



4291688302



4278255564



4293384191



4294947327

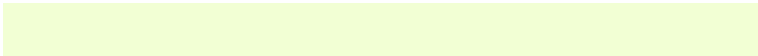


# Sweetspot

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



4291688302



4294115284



4294416238



4286087270



4278190080



4286611584



# Same Dimension

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



4291688302



4291559252



4287231854



4286020206



4286691840



4280892160



# Inverse Universe

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



4288179959



4287190271



4292636407



4285689466



4281925818

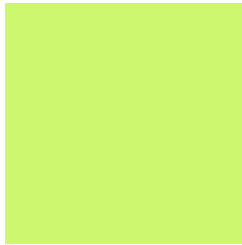


4279369787



# Previews

## White Background



This preview shows how the Android color 4291688302 looks on a white background.

## Color Contrast Check

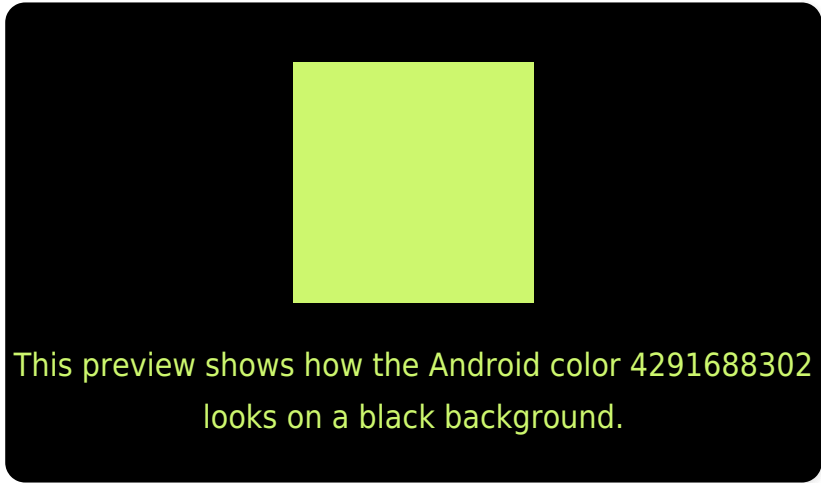
Large Text (above 18pt) WCAG AA × Fail

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 4291688302 Background



This preview shows how black text looks on a background with the Android color 4291688302.

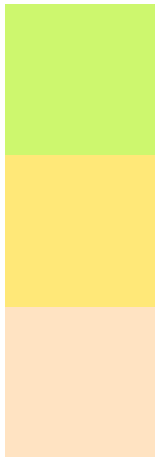


This preview shows how white text looks on a background with the Android color 4291688302.

# 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**  
4291688302

**Protanopia**  
4294961272

**Deuteranopia**  
4294960066

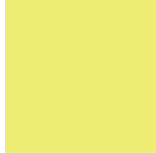


**Tritanopia**  
4292798715

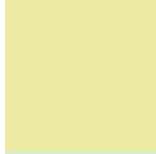
# Trichromacy



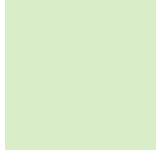
**Original Color**  
4291688302



**Protanomaly**  
4293782900



**Deuteranomaly**  
4293782179

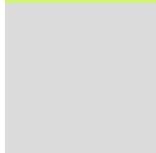


**Tritanomaly**  
4292406728

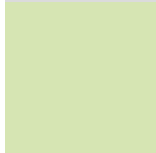
# Monochromacy



**Original Color**  
4291688302



**Achromatopsia**  
4292598747



**Achromatomaly**  
4292273587

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291688302 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(205, 247, 110)` looks like.

```
.text, #text, p{  
    color:rgb(205, 247, 110)  
}
```

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(205, 247, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 247, 110) }
```

## Border

The CSS property to change the border of an element to Android 4291688302 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(205, 247, 110) }
```

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

```
.border{ border-color:rgb(205, 247, 110) }
```

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

Here you see how a box with a 4 pixel rgb(205, 247, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 247, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 247, 110);  
box-shadow:4px 4px 4px 4px rgb(205, 247,  
110) }
```

# Background

The CSS property to change the background color of an element to Android 4291688302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 247, 110) }
```

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

```
.background{ background-color: rgb(205,  
247, 110) }
```

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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