

# Converting Colors

Android(4291820658)

Have a look what the booklet for  
Android(4291820658) contains.

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# **Color**

**Android(4291820658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFFC72
RGB	207, 252, 114
RGB Percent	81%, 99%, 45%
CMY	0.1882, 0.0118, 0.5529
CMYK	0.18, 0.00, 0.55, 0.01
HSL	80°, 96%, 72%
HSV	80°, 55%, 99%
XYZ	63.5798, 84.1011, 28.8017
YIQ	222.8130, 17.4780, -52.4580

# Conversions

## Conversions Part 2

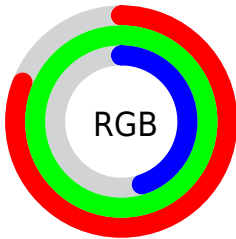
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 252, 159
Decimal	13630578
CIELab	93.49, -34.67, 60.40
CIELCh	93, 69.644, 119.860
Yxy	84.1011, 0.3603, 0.4765
Android (android.graphics.Color)	4291820658 (0xFFCFFC72)
YUV	222.8130, -53.6448, -13.8680
Hunter-Lab	91.7067, -36.7334, 45.5738

# Details

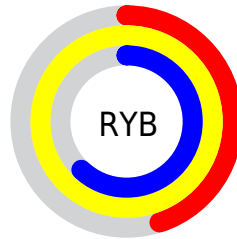
The Android color `4291820658` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4288639740`, and the grayscale version is `4292861919`.

A 20% lighter version of the original color is `4294967209`, and `4288070459` is the 20% darker color. If you saturate the color by 10%, you get `4291296345`, and if you desaturate by 10%, it is `4292344971`.

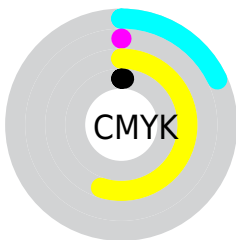
# Distribution



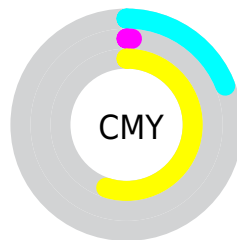
- Red (81%)
- Green (99%)
- Blue (45%)



- Red (45%)
- Yellow (99%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (55%)
- Black (1%)




- Cyan (19%)
- Magenta (1%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291820658 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 4291820658 by changing the saturation by 10% instead.



 4291820658

 4291820658

4294967295

 4289912663

 4294967209

 4288070459

 4294967238

 4286228508

 4294967267

 4284386560

 4282610688

 4280834816

 4278338304

 4278201344

 4278195456

■ 4291820658

■ 4291820658

■ 4291296345

■ 4292344971

■ 4290772032

■ 4292869284

■ 4290182182

■ 4293459134

■ 4289657869

■ 4293983447

■ 4289395712

■ 4294507760

■ 4294966527

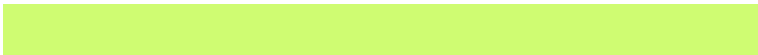
# Harmonies

## Analogous

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



4294961504



4291820658



4285988774

# Triad

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



4291820658



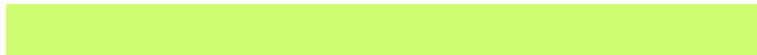
4278255615



4294947567

# Complementary

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



4291820658



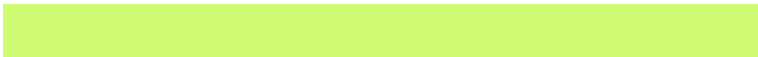
4288639740

# 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.



4294951423



4291820658



4284740863

# Square

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



4291820658



4278255615



4293909503



4294949293

# Rectangle

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



4291820658



4278255570



4293909503



4294948351

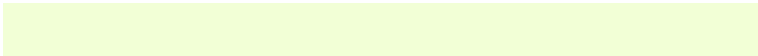


# Sweetspot

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



4291820658



4294115286



4294745714



4286087271



4278190080



4286611584



# Same Dimension

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



4291820658



4291362647



4287364210



4286152048



4286561536



4280892672



# Inverse Universe

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



4288639740



4287518719



4293096188



4285886589



4282253501

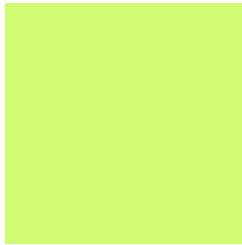


4279500861



# Previews

## White Background



This preview shows how the Android color 4291820658 looks on a white background.

## Color Contrast Check

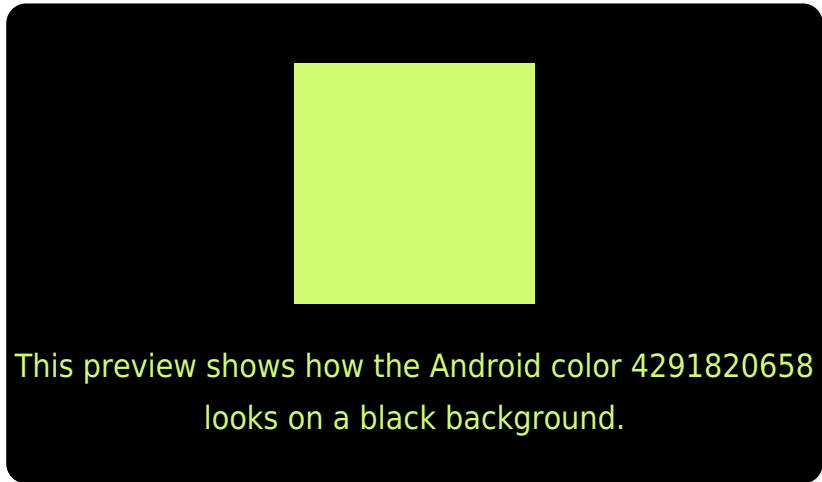
Large Text (above 18pt) WCAG AA × Fail

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 4291820658 Background



This preview shows how black text looks on a background with the Android color 4291820658.

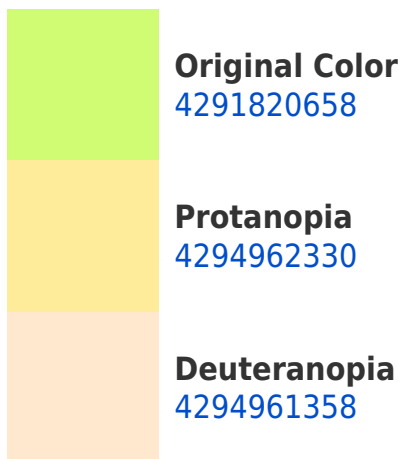


This preview shows how white text looks on a background with the Android color 4291820658.

# Color Blindness Simulation

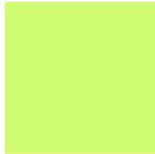
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

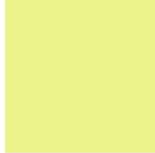




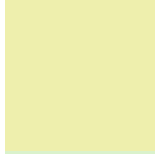
# Trichromacy



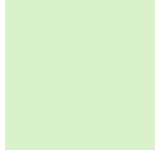
**Original Color**  
4291820658



**Protanomaly**  
4293849739



**Deuteranomaly**  
4293849005

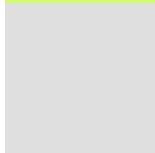


**Tritanomaly**  
4292539084

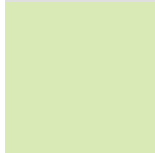
# Monochromacy



**Original Color**  
4291820658



**Achromatopsia**  
4292861919



**Achromatomaly**  
4292471479

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291820658 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(207, 252, 114)` looks like.

```
.text, #text, p{  
    color:rgb(207, 252, 114)  
}
```

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(207, 252, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 252, 114) }
```

## Border

The CSS property to change the border of an element to Android 4291820658 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(207, 252, 114) }
```

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

```
.border{ border-color:rgb(207, 252, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 252, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 252, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 252, 114);  
box-shadow:4px 4px 4px 4px rgb(207, 252,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4291820658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 252, 114) }
```

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

```
.background{ background-color: rgb(207,  
252, 114) }
```

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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