

# Converting Colors

Android(4291557752)

Have a look what the booklet for  
Android(4291557752) contains.

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# **Color**

**Android(4291557752)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBF978
RGB	203, 249, 120
RGB Percent	80%, 98%, 47%
CMY	0.2039, 0.0235, 0.5294
CMYK	0.18, 0.00, 0.52, 0.02
HSL	81°, 91%, 72%
HSV	81°, 52%, 98%
XYZ	61.8944, 81.8039, 30.2969
YIQ	220.5400, 13.9930, -49.8710

# Conversions

## Conversions Part 2

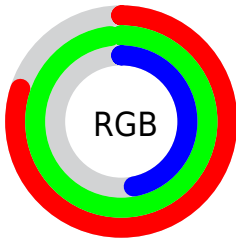
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 249, 166
Decimal	13367672
CIELab	92.49, -34.24, 56.48
CIELCh	92, 66.045, 121.223
Yxy	81.8039, 0.3557, 0.4702
Android (android.graphics.Color)	4291557752 (0xFFCF978)
YUV	220.5400, -49.5662, -15.3826
Hunter-Lab	90.4455, -36.1271, 43.4513

# Details

The Android color `4291557752` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4289100025`, and the grayscale version is `4292730333`.

A 20% lighter version of the original color is `4294967215`, and `4287807554` is the 20% darker color. If you saturate the color by 10%, you get `4290967903`, and if you desaturate by 10%, it is `4292147601`.

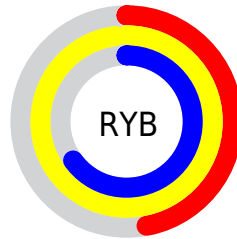
# Distribution



Red (80%)

Green (98%)

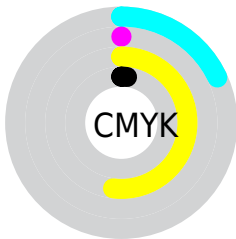
Blue (47%)



Red (47%)

Yellow (98%)

Blue (65%)

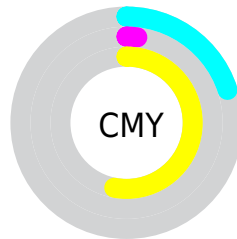


Cyan (18%)

Magenta (0%)

Yellow (52%)

Black (2%)



Cyan (20%)

Magenta (2%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291557752 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 4291557752 by changing the saturation by 10% instead.



 4291557752

 4291557752

4294967295

 4289649757

 4294967215

 4287807554

 4294967243

 4286031142

 4294967272

 4284189440

 4282413312

 4280702976

 4278206464

 4278200832

 4278194176

■ 4291557752

■ 4291557752

■ 4290967903

■ 4292147601

■ 4290378054

■ 4292737450

■ 4289788205

■ 4293327299

■ 4289198356

■ 4293917148

■ 4288739584

■ 4294441460

■ 4294965759

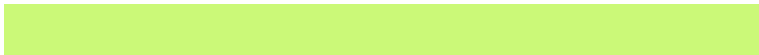
# Harmonies

## Analogous

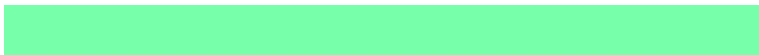
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294960997



4291557752



4286054314

# Triad

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



4291557752



4278255615



4294947817

# Complementary

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



4291557752



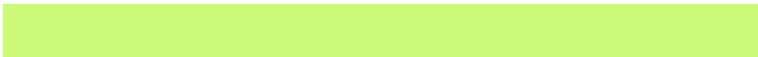
4289100025

# 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.



4294951167



4291557752



4286050303

# Square

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



4291557752



4278255615



4294039807



4294949803

# Rectangle

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



4291557752



4278255572



4294039807



4294948351

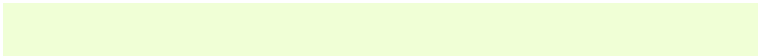


# Sweetspot

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



4291557752



4293984214



4294550904



4286021735



4278190080



4286611584

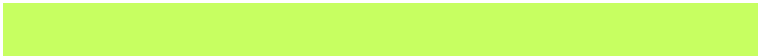


# Same Dimension

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



4291557752



4291297121



4287363448



4286086512



4286168320



4280761600



# Inverse Universe

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



4289100025



4288242175



4293294329



4285886589



4282581181

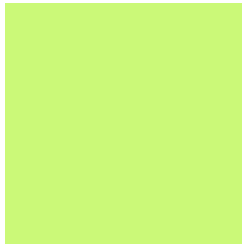


4279631933



# Previews

## White Background



This preview shows how the Android color 4291557752 looks on a white background.

## Color Contrast Check

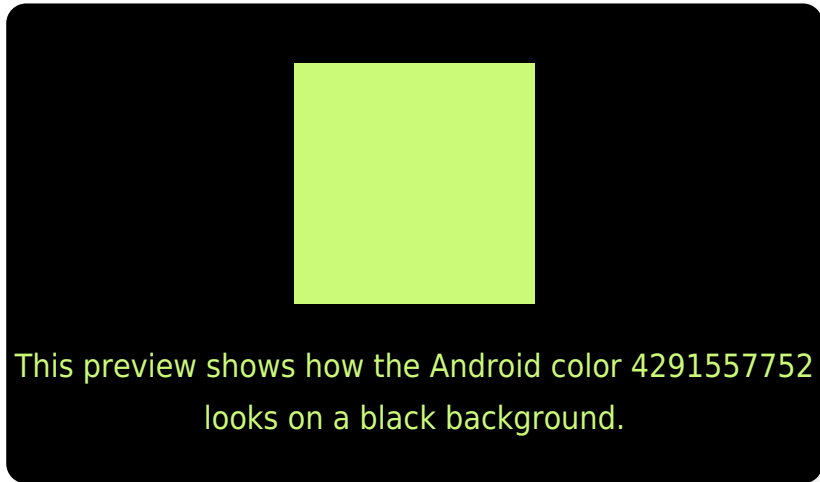
Large Text (above 18pt) WCAG AA × Fail

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 4291557752 Background



This preview shows how black text looks on a background with the Android color 4291557752.

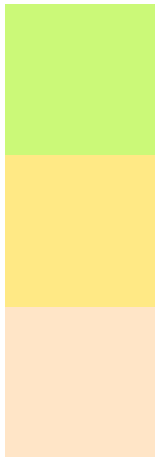


This preview shows how white text looks on a background with the Android color 4291557752.

# 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**  
4291557752

**Protanopia**  
4294961541

**Deuteranopia**  
4294960583

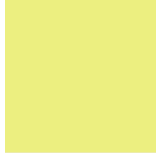


**Tritanopia**  
4292668413

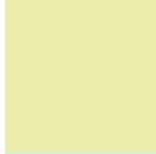
# Trichromacy



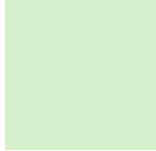
**Original Color**  
4291557752



**Protanomaly**  
4293717888

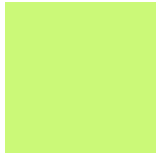


**Deuteranomaly**  
4293717162

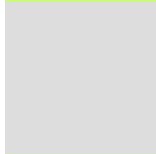


**Tritanomaly**  
4292276429

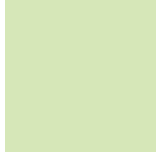
# Monochromacy



**Original Color**  
4291557752



**Achromatopsia**  
4292730333



**Achromatomaly**  
4292274104

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291557752 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(203, 249, 120)` looks like.

```
.text, #text, p{  
    color:rgb(203, 249, 120)  
}
```

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(203, 249, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 249, 120) }
```

## Border

The CSS property to change the border of an element to Android 4291557752 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(203, 249, 120) }
```

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

```
.border{ border-color:rgb(203, 249, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 249, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 249, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 249, 120); box-shadow:4px 4px 4px 4px rgb(203, 249, 120) }
```

# Background

The CSS property to change the background color of an element to Android 4291557752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 249, 120) }
```

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

```
.background{ background-color: rgb(203,  
249, 120) }
```

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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