

# Converting Colors

Android(4291358873)

Have a look what the booklet for  
Android(4291358873) contains.

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# **Color**

**Android(4291358873)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C8F099                     |
| RGB           | 200, 240, 153              |
| RGB Percent   | 78%, 94%, 60%              |
| CMY           | 0.2157, 0.0588, 0.4000     |
| CMYK          | 0.17, 0.00, 0.36, 0.06     |
| HSL           | 88°, 74%, 77%              |
| HSV           | 88°, 36%, 94%              |
| XYZ           | 60.7293, 76.8994, 41.7793  |
| YIQ           | 218.1220, 4.0870, -35.5370 |

# Conversions

## Conversions Part 2

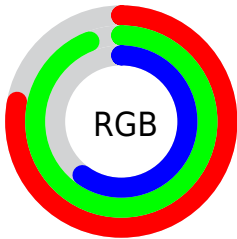
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 153, 240, 193                   |
| Decimal                             | 13168793                        |
| CIELab                              | 90.28, -27.43, 37.90            |
| CIElCh                              | 90, 46.788, 125.899             |
| Yxy                                 | 76.8994, 0.3385,<br>0.4286      |
| Android<br>(android.graphics.Color) | 4291358873<br>(0xFFC8F099)      |
| YUV                                 | 218.1220, -32.1051,<br>-15.8930 |
| Hunter-Lab                          | 87.6923, -29.8456,<br>33.1371   |

# Details

The Android color `4291358873` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4290877936`, and the grayscale version is `4292532954`.

A 20% lighter version of the original color is `4294967248`, and `4287740005` is the 20% darker color. If you saturate the color by 10%, you get `4290637953`, and if you desaturate by 10%, it is `4292079793`.

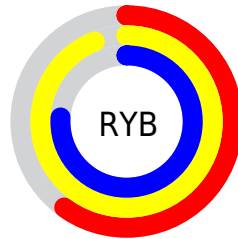
# Distribution



Red (78%)

Green (94%)

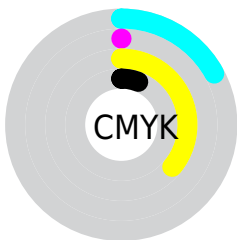
Blue (60%)



Red (60%)

Yellow (94%)

Blue (76%)

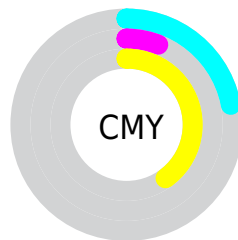


Cyan (17%)

Magenta (0%)

Yellow (36%)

Black (6%)



Cyan (22%)

Magenta (6%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291358873 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 4291358873 by changing the saturation by 10% instead.





4291358873



4291358873

4294967295



4289516670



4294967248



4287740005



4294967277



4285963596



4284252979



4282607899



4280963328



4279318784



4278199296



4278190592

 4291358873

 4291358873

 4290637953

 4292079793

 4289917033

 4292800713

 4289196113

 4293521633

 4288475193

 4294242553

 4287754273

 4294963455

 4287033353

 4286771200

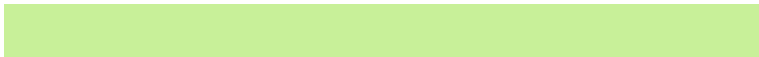
# Harmonies

## Analogous

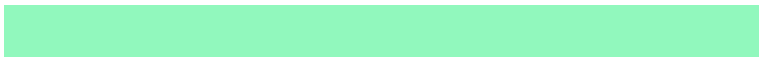
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294501257



4291358873



4287756477

# Triad

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



4291358873



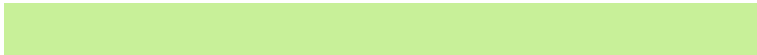
4284609279



4294951132

# Complementary

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



4291358873



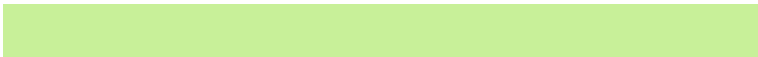
4290877936

# Split Complementary

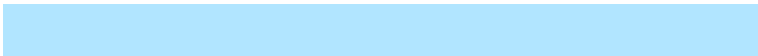
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294952703



4291358873



4289848831

# Square

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



4291358873



4280089087



4294235391



4294952625

# Rectangle

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



4291358873



4285070299



4294235391



4294951403

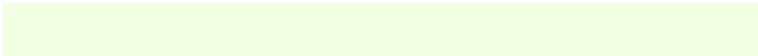


# Sweetspot

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



4291358873



4294115299



4293968025



4286087279



4278190080

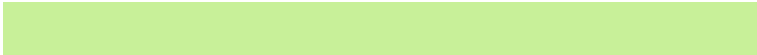


4286611584

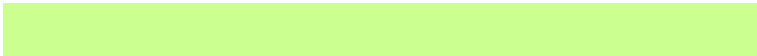


# Same Dimension

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



4291358873



4291559311



4288540825



4285692012



4284725248



4280170496



# Inverse Universe

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



4290877936



4290940927



4293695984



4285623416



4283695288

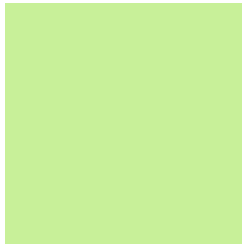


4279894072



# Previews

## White Background



This preview shows how the Android color 4291358873 looks on a white background.

## Color Contrast Check

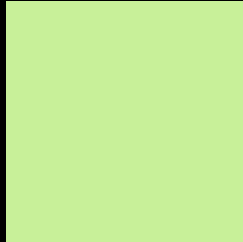
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291358873 looks on a 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 4291358873 Background



This preview shows how black text looks on a background with the Android color 4291358873.



This preview shows how white text looks on a background with the Android color 4291358873.

# 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





**Tritanopia**  
4292208119

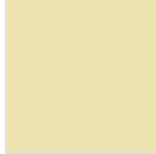
# Trichromacy



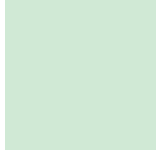
**Original Color**  
4291358873



**Protanomaly**  
4293257366



**Deuteranomaly**  
4293649583

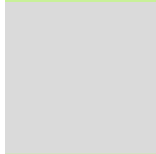


**Tritanomaly**  
4291881429

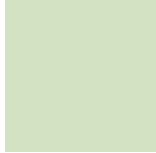
# Monochromacy



**Original Color**  
4291358873



**Achromatopsia**  
4292532954



**Achromatomaly**  
4292076226

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291358873 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(200, 240, 153)` looks like.

```
.text, #text, p{  
    color:rgb(200, 240, 153)  
}
```

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(200, 240, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 240, 153) }
```

## Border

The CSS property to change the border of an element to Android 4291358873 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(200, 240, 153) }
```

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

```
.border{ border-color:rgb(200, 240, 153) }
```

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

Here you see how a box with a 4 pixel rgb(200, 240, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 240, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 240, 153);  
box-shadow:4px 4px 4px 4px rgb(200, 240,  
153) }
```

# Background

The CSS property to change the background color of an element to Android 4291358873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 240, 153) }
```

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

```
.background{ background-color: rgb(200,  
240, 153) }
```

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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