

# Converting Colors

Android(4290314158)

Have a look what the booklet for  
Android(4290314158) contains.

<b>Android(4290314158)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4290314158)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8FFAE
RGB	184, 255, 174
RGB Percent	72%, 100%, 68%
CMY	0.2784, 0.0000, 0.3176
CMYK	0.28, 0.00, 0.32, 0.00
HSL	113°, 100%, 84%
HSV	113°, 32%, 100%
XYZ	63.1671, 84.7663, 53.0767
YIQ	224.5370, -16.3150, -40.2430

# Conversions

## Conversions Part 2

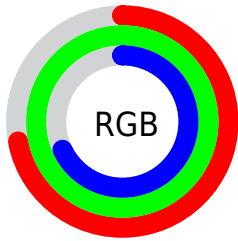
Format	Color
<a href="#">RYB</a>	<a href="#">174, 255, 245</a>
Decimal	<a href="#">12124078</a>
CIELab	<a href="#">93.78, -36.86, 31.88</a>
CIElCh	<a href="#">94, 48.735, 139.149</a>
Yxy	<a href="#">84.7663, 0.3142, 0.4217</a>
Android (android.graphics.Color)	<a href="#">4290314158</a> ( <a href="#">0xFFB8FFAE</a> )
YUV	<a href="#">224.5370, -24.9147, -35.5509</a>
Hunter-Lab	<a href="#">92.0686, -38.6535, 30.2679</a>

# Details

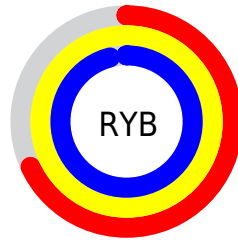
The Android color `4290314158` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4294291199`, and the grayscale version is `4292993505`.

A 20% lighter version of the original color is `4294049766`, and `4286695033` is the 20% darker color. If you saturate the color by 10%, you get `4288872340`, and if you desaturate by 10%, it is `4291755976`.

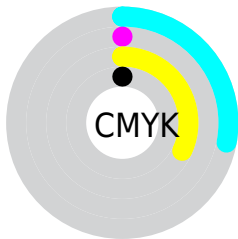
# Distribution



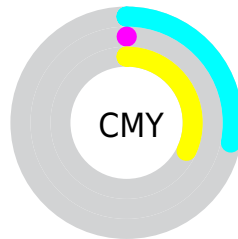
- Red (72%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (96%)



- Cyan (28%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290314158 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 4290314158 by changing the saturation by 10% instead.



 4290314158

 4290314158

4294967295

 4288471699

 4294049766

 4286695033

 4284918367

 4283207751

 4281431343

 4279393303

 4278207488

 4278201600

 4278195712

 4290314158

 4290314158

 4288872340

 4291755976

 4287364987

 4293263329


 4285923170

 4294705147

 4284481352

4294967295

 4282973999

 4281532181

 4280286976

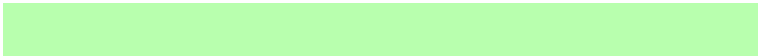
# Harmonies

## Analogous

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



4293850259



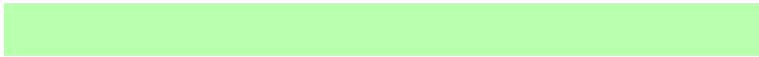
4290314158



4286316506

# Triad

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



4290314158



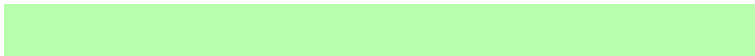
4287297535



4294953681

# Complementary

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



4290314158



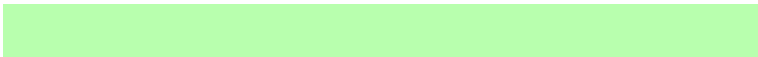
4294291199

# 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.



4294953727



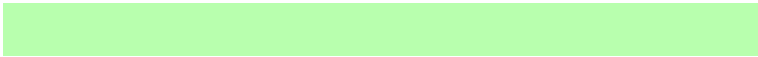
4290314158



4292470783

# Square

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



4290314158



4281401343



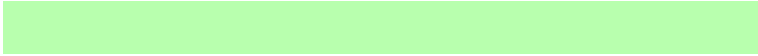
4294956799



4294956200

# Rectangle

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



4290314158



4283170810



4294956799

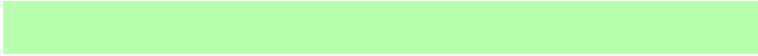


4294953184

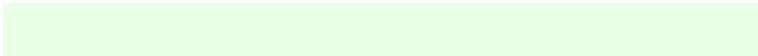


# Sweetspot

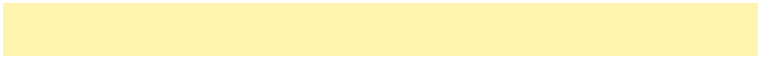
The Sweet Spot groups the original color and five complimentary colors.



4290314158



4293525478



4294964398



4285694064



4278190080

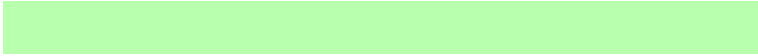


4286611584

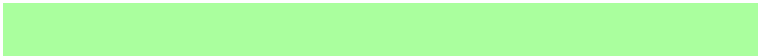


# Same Dimension

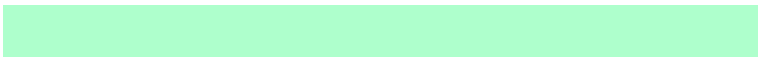
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4290314158



4289396638



4289658828



4285825139



4279811840



4278730752



# Inverse Universe

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



4294291199



4294156031



4294946529



4286477184



4289200319

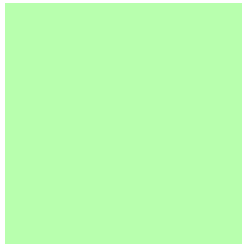


4281860160



# Previews

## White Background



This preview shows how the Android color 4290314158 looks on a white background.

## Color Contrast Check

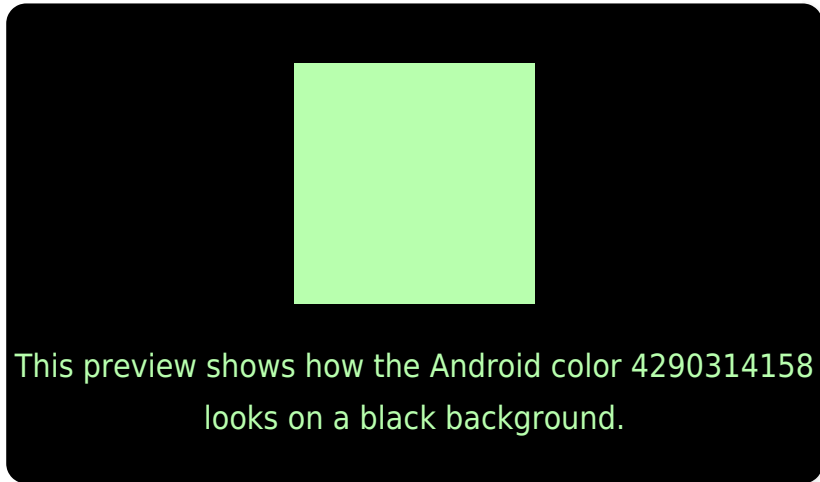
Large Text (above 18pt) WCAG AA × Fail

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 4290314158 Background



This preview shows how black text looks on a background with the Android color 4290314158.

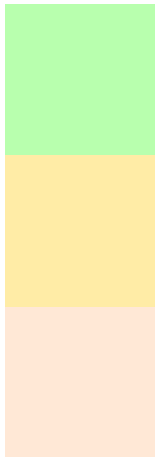


This preview shows how white text looks on a background with the Android color 4290314158.

# 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**  
4290314158

**Protanopia**  
4294962342

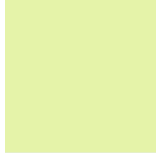
**Deuteranopia**  
4294961366



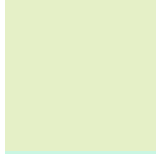
# Trichromacy



**Original Color**  
4290314158



**Protanomaly**  
4293260201

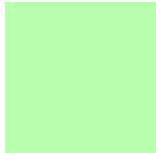


**Deuteranomaly**  
4293259463

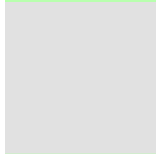


**Tritanomaly**  
4291491554

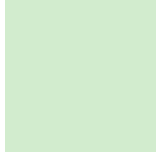
# Monochromacy



**Original Color**  
4290314158



**Achromatopsia**  
4292993505



**Achromatomaly**  
4292013262

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290314158 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(184, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 174)  
}
```

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(184, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 174) }
```

## Border

The CSS property to change the border of an element to Android 4290314158 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(184, 255, 174) }
```

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

```
.border{ border-color:rgb(184, 255, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4290314158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 174) }
```

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

```
.background{ background-color: rgb(184,  
255, 174) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor