

# Converting Colors

Android(4290838448)

Have a look what the booklet for  
Android(4290838448) contains.

<b>Android(4290838448)</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(4290838448)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0FFB0
RGB	192, 255, 176
RGB Percent	75%, 100%, 69%
CMY	0.2471, 0.0000, 0.3098
CMYK	0.25, 0.00, 0.31, 0.00
HSL	108°, 100%, 85%
HSV	108°, 31%, 100%
XYZ	65.3347, 85.8611, 54.2036
YIQ	227.1570, -12.1890, -37.9250

# Conversions

## Conversions Part 2

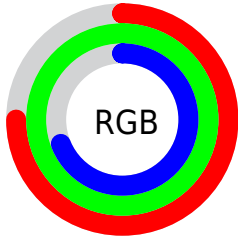
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 255, 239
Decimal	12648368
CIELab	94.25, -33.96, 31.58
CIELCh	94, 46.374, 137.075
Yxy	85.8611, 0.3181, 0.4180
Android (android.graphics.Color)	4290838448 (0xFFC0FFB0)
YUV	227.1570, -25.2204, -30.8327
Hunter-Lab	92.6612, -36.2982, 30.1803

# Details

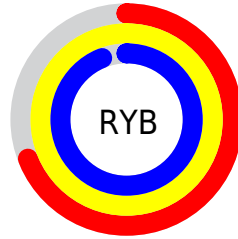
The Android color `4290838448` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4293898495`, and the grayscale version is `4293125091`.

A 20% lighter version of the original color is `4294639592`, and `4287219323` is the 20% darker color. If you saturate the color by 10%, you get `4289527702`, and if you desaturate by 10%, it is `4292149194`.

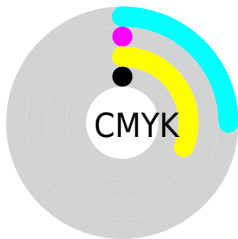
# Distribution



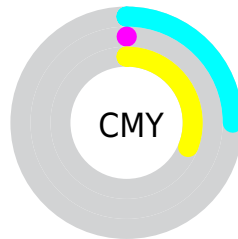
- Red (75%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (94%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290838448 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 4290838448 by changing the saturation by 10% instead.



 4290838448

 4290838448

4294967295

 4288995989

 4294639592

 4287219323

 4285442657

 4283732041

 4282021425

 4280245529

 4278207745

 4278201600

 4278195968

 4290838448

 4290838448

 4289527702

 4292149194

 4288151421

 4293525475

 4286840675


 4294836221

 4285529930

 4294967295

 4284153649

 4282842903

 4281663232

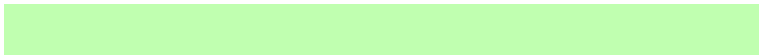
# Harmonies

## Analogous

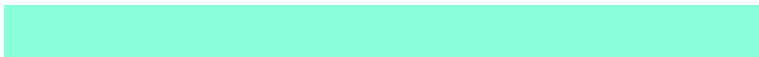
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294177944



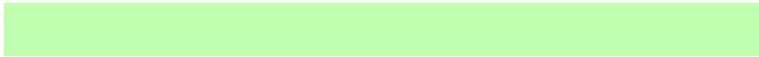
4290838448



4287168473

# Triad

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



4290838448



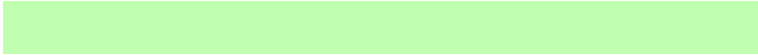
4287560191



4294954454

# Complementary

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



4290838448



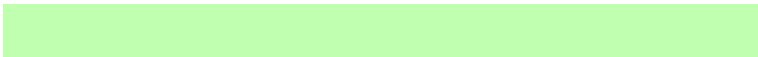
4293898495

# Split Complementary

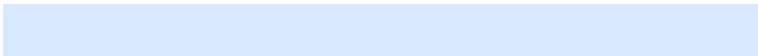
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294954751



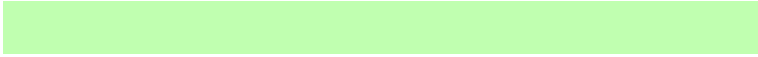
4290838448



4292406015

# Square

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



4290838448



4283105279



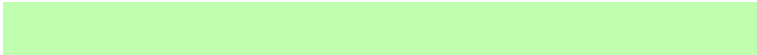
4294957823



4294956719

# Rectangle

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



4290838448



4284612600



4294957823

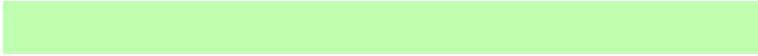


4294954213



# Sweetspot

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



4290838448



4293787624



4294962864



4285825137



4278190080

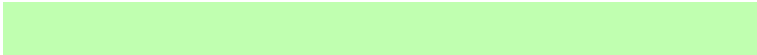


4286611584

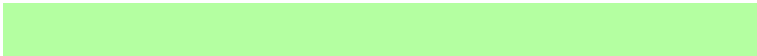


# Same Dimension

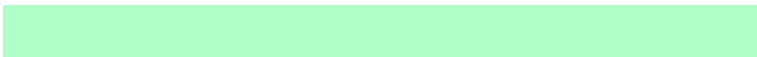
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4290838448



4290052001



4289789894



4285890675



4280794880



4279058432



# Inverse Universe

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



4293898495



4293698047



4294947049



4286411648



4288217279

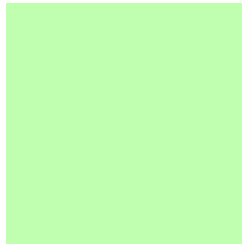


4281532480



# Previews

## White Background



This preview shows how the Android color 4290838448 looks on a white background.

## Color Contrast Check

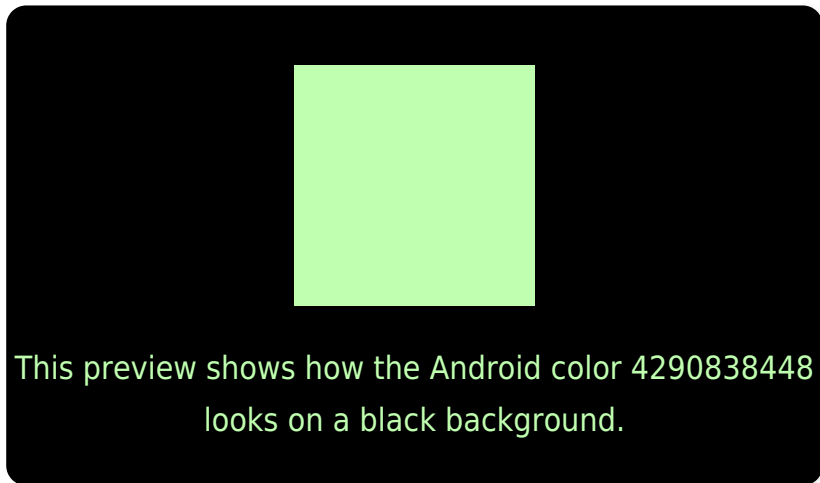
Large Text (above 18pt) WCAG AA × Fail

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 4290838448 Background



This preview shows how black text looks on a background with the Android color 4290838448.

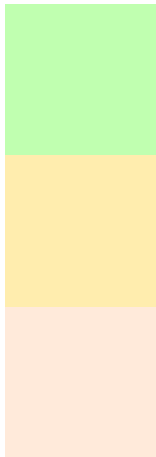


This preview shows how white text looks on a background with the Android color 4290838448.

# 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**  
4290838448

**Protanopia**  
4294962606

**Deuteranopia**  
4294961882



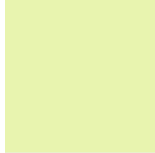
**Tritanopia**  
4292539135

# Trichromacy



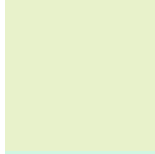
**Original Color**

4290838448



**Protanomaly**

4293457071



**Deuteranomaly**

4293456587



**Tritanomaly**

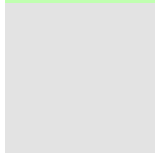
4291950562

# Monochromacy



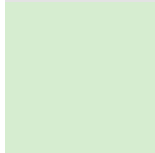
**Original Color**

4290838448



**Achromatopsia**

4293125091



**Achromatomaly**

4292275664

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290838448 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(192, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 176)  
}
```

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(192, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 176) }
```

## Border

The CSS property to change the border of an element to Android 4290838448 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(192, 255, 176) }
```

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

```
.border{ border-color:rgb(192, 255, 176) }
```

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

Here you see how a box with a 4 pixel rgb(192, 255, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4290838448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 176) }
```

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

```
.background{ background-color: rgb(192,  
255, 176) }
```

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