

# Converting Colors

Android(4290967212)

Have a look what the booklet for  
Android(4290967212) contains.

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# **Color**

**Android(4290967212)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2F6AC
RGB	194, 246, 172
RGB Percent	76%, 96%, 67%
CMY	0.2392, 0.0353, 0.3255
CMYK	0.21, 0.00, 0.30, 0.04
HSL	102°, 80%, 82%
HSV	102°, 30%, 96%
XYZ	62.6503, 80.3594, 51.2386
YIQ	222.0160, -7.2380, -34.0380

# Conversions

## Conversions Part 2

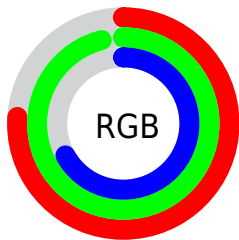
<b>Format</b>	<b>Color</b>
<b>RYB</b>	172, 246, 224
Decimal	12777132
CIELab	91.85, -29.71, 30.38
CIElCh	92, 42.491, 134.364
Yxy	80.3594, 0.3225, 0.4137
Android (android.graphics.Color)	4290967212 (0xFFC2F6AC)
YUV	222.0160, -24.6579, -24.5700
Hunter-Lab	89.6434, -32.1253, 28.8613

# Details

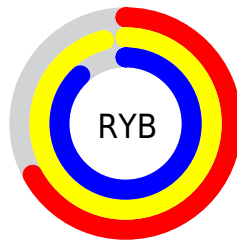
The Android color `4290967212` is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be `4292914422`, and the grayscale version is `4292796126`.

A 20% lighter version of the original color is `4294705124`, and `4287348087` is the 20% darker color. If you saturate the color by 10%, you get `4289853075`, and if you desaturate by 10%, it is `4292081349`.

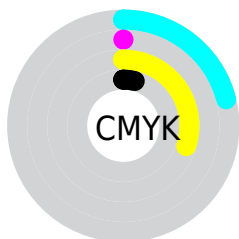
# Distribution



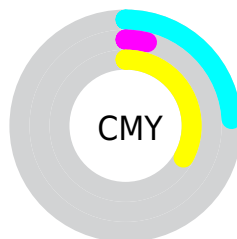
- Red (76%)
- Green (96%)
- Blue (67%)



- Red (67%)
- Yellow (96%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290967212 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 4290967212 by changing the saturation by 10% instead.



 4290967212

 4290967212

4294967295

 4289124753

 4294705124

 4287348087

 4285637214

 4283926597

 4282281518

 4280571159

 4278795776

 4278200320

 4278193152

 4290967212

 4290967212

 4289853075

 4292081349

 4288673403

 4293261021

 4287559266

 4294375158

 4286445130

 4294964991

 4285330993

 4284151320

 4283037184

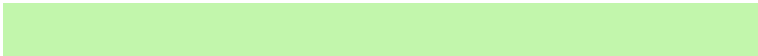
# Harmonies

## Analogous

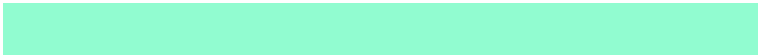
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4293979032



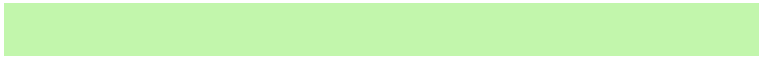
4290967212



4287757520

# Triad

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



4290967212



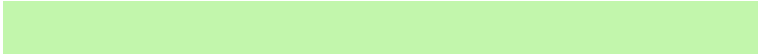
4287558399



4294953429

# Complementary

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



4290967212



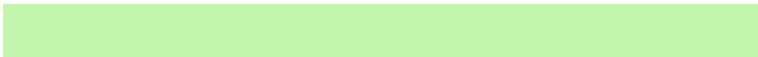
4292914422

# Split Complementary

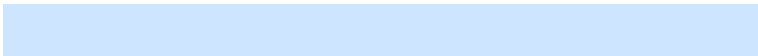
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294953983



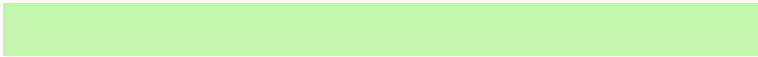
4290967212



4291749375

# Square

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



4290967212



4284218111



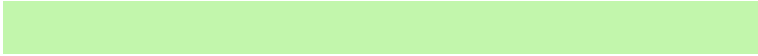
4294956799



4294955184

# Rectangle

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



4290967212



4285595372



4294956799

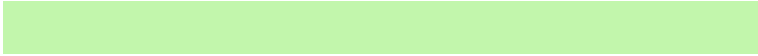


4294953187

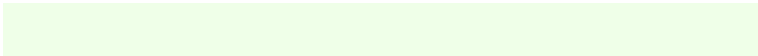


# Sweetspot

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



4290967212



4293918696



4294369452



4285956209



4278190080

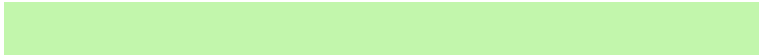


4286611584

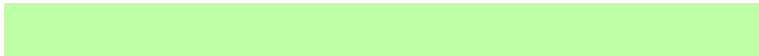


# Same Dimension

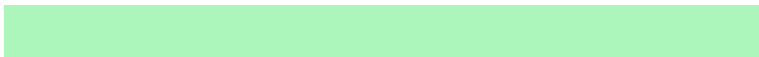
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4290967212



4290707363



4289525435



4285692526



4281842176



4279319296



# Inverse Universe

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



4292914422



4293174271



4294356199



4286017146



4286775482

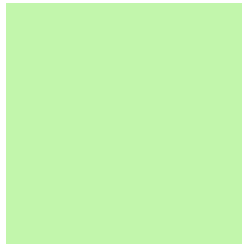


4280877115



# Previews

## White Background



This preview shows how the Android color 4290967212 looks on a white background.

## Color Contrast Check

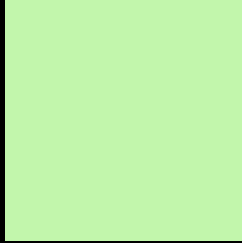
Large Text (above 18pt) WCAG AA × Fail

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 4290967212 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

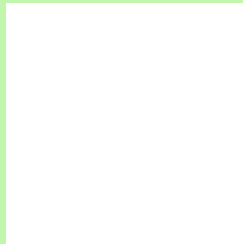
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4290967212 Background



This preview shows how black text looks on a background with the Android color 4290967212.



This preview shows how white text looks on a background with the Android color 4290967212.

# 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



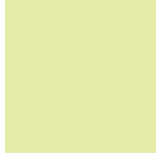


# Trichromacy



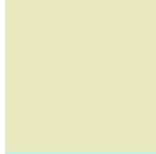
**Original Color**

4290967212



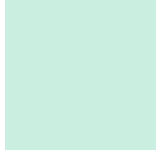
**Protanomaly**

4293258408



**Deuteranomaly**

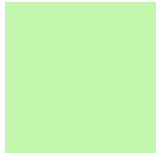
4293519807



**Tritanomaly**

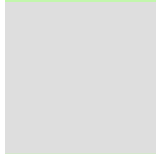
4291489760

# Monochromacy



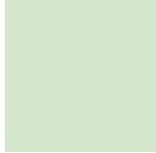
**Original Color**

4290967212



**Achromatopsia**

4292796126



**Achromatomaly**

4292143052

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290967212 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(194, 246, 172)` looks like.

```
.text, #text, p{  
    color:rgb(194, 246, 172)  
}
```

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(194, 246, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 246, 172) }
```

## Border

The CSS property to change the border of an element to Android 4290967212 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(194, 246, 172) }
```

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

```
.border{ border-color:rgb(194, 246, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 246, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 246, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 246, 172);  
box-shadow:4px 4px 4px 4px rgb(194, 246,  
172) }
```

# Background

The CSS property to change the background color of an element to Android 4290967212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 246, 172) }
```

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

```
.background{ background-color: rgb(194,  
246, 172) }
```

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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