

# Converting Colors

Android(4290051241)

Have a look what the booklet for  
Android(4290051241) contains.

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# **Color**

**Android(4290051241)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | B4FCA9                       |
| RGB         | 180, 252, 169                |
| RGB Percent | 71%, 99%, 66%                |
| CMY         | 0.2941, 0.0118, 0.3373       |
| CMYK        | 0.29, 0.00, 0.33, 0.01       |
| HSL         | 112°, 93%, 83%               |
| HSV         | 112°, 33%, 99%               |
| XYZ         | 60.7942, 82.1887, 50.1959    |
| YIQ         | 221.0100, -16.2690, -41.0770 |

# Conversions

## Conversions Part 2

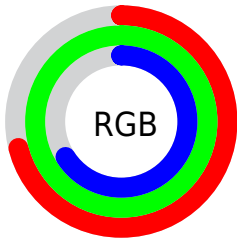
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">169, 252, 241</a>                |
| Decimal                             | <a href="#">11861161</a>                     |
| CIELab                              | <a href="#">92.66, -37.55, 32.84</a>         |
| CIELCh                              | <a href="#">93, 49.886, 138.829</a>          |
| Yxy                                 | <a href="#">82.1887, 0.3147, 0.4255</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4290051241<br/>(0xFFB4FCA9)</a>  |
| YUV                                 | <a href="#">221.0100, -25.6409, -35.9658</a> |
| Hunter-Lab                          | <a href="#">90.6580, -38.9513, 30.6326</a>   |

# Details

The Android color `4290051241` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4294027772`, and the grayscale version is `4292730333`.

A 20% lighter version of the original color is `4293787617`, and `4286432116` is the 20% darker color. If you saturate the color by 10%, you get `4288609424`, and if you desaturate by 10%, it is `4291493058`.

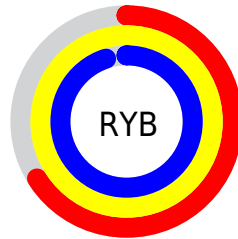
# Distribution



Red (71%)

Green (99%)

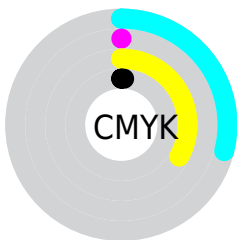
Blue (66%)



Red (66%)

Yellow (99%)

Blue (95%)

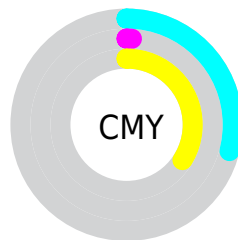


Cyan (29%)

Magenta (0%)

Yellow (33%)

Black (1%)



Cyan (29%)

Magenta (1%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290051241 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 4290051241 by changing the saturation by 10% instead.





4290051241



4290051241

4294967295



4288208782



4293787617



4286432116

4294967294



4284655707



4282879298



4281103147



4278934034



4278206976



4278201088



4278194432

 4290051241

 4290051241

 4288609424

 4291493058

 4287167607

 4292934875

 4285725789

 4294376693

 4284349508

 4294966527

 4282907691

 4281465874

 4280417280

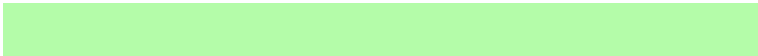
# Harmonies

## Analogous

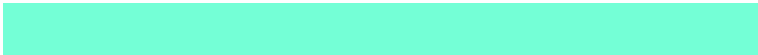
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4293652877



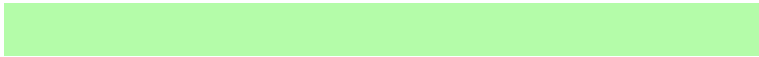
4290051241



4285857750

# Triad

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



4290051241



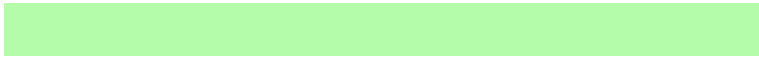
4286706943



4294952397

# Complementary

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



4290051241



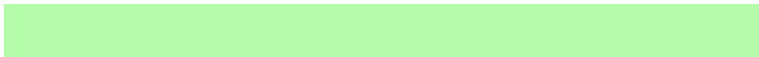
4294027772

# 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.



4294952702



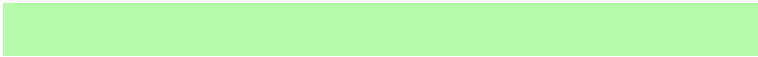
4290051241



4292207871

# Square

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



4290051241



4278321151



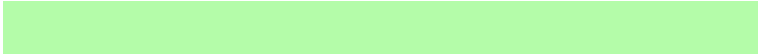
4294956031



4294955172

# Rectangle

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



4290051241



4282253303



4294956031

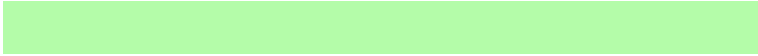


4294952157

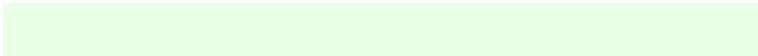


# Sweetspot

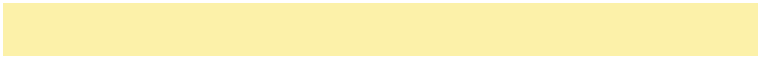
The Sweet Spot groups the original color and five complimentary colors.



4290051241



4293525478



4294767017



4285694064



4278190080

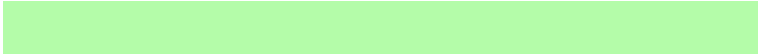


4286611584



# Same Dimension

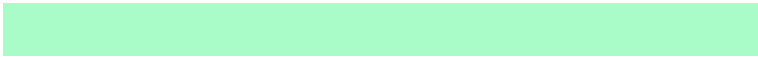
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4290051241



4289200025



4289330375



4285693296



4279876864



4278729984



# Inverse Universe

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



4294027772



4294023679



4294748638



4286279805



4288938173

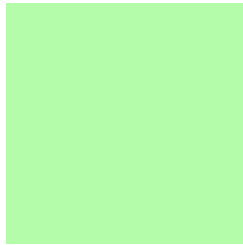


4281663549



# Previews

## White Background



This preview shows how the Android color 4290051241 looks on a white background.

## Color Contrast Check

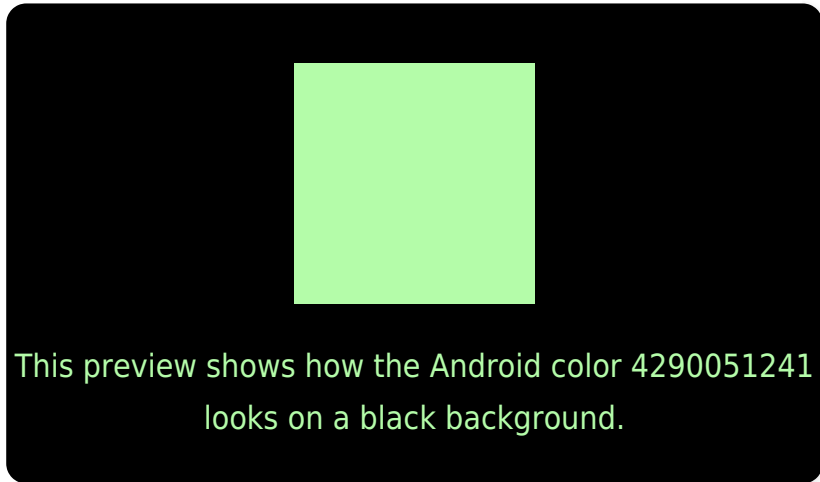
Large Text (above 18pt) WCAG AA × Fail

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

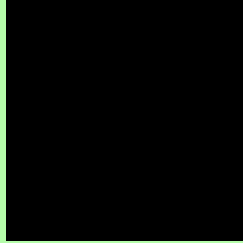
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290051241 Background



This preview shows how black text looks on a background with the Android color 4290051241.

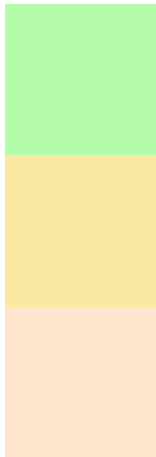


This preview shows how white text looks on a background with the Android color 4290051241.

# 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](#).

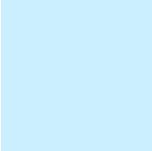
## Dichromacy



**Original Color**  
4290051241

**Protanopia**  
4294764961

**Deuteranopia**  
4294960334

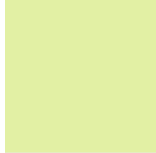


**Tritanopia**  
4291620863

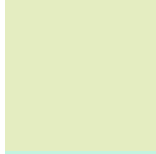
# Trichromacy



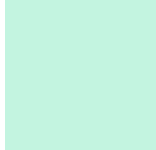
**Original Color**  
4290051241



**Protanomaly**  
4293062820



**Deuteranomaly**  
4293193153

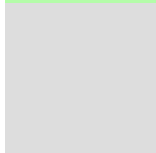


**Tritanomaly**  
4291032288

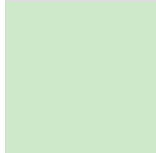
# Monochromacy



**Original Color**  
4290051241



**Achromatopsia**  
4292730333



**Achromatomaly**  
4291750090

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290051241 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(180, 252, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 252, 169)  
}
```

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(180, 252, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 252, 169) }
```

## Border

The CSS property to change the border of an element to Android 4290051241 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(180, 252, 169) }
```

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

```
.border{ border-color:rgb(180, 252, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 252, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 252, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 252, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 252,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4290051241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 252, 169) }
```

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

```
.background{ background-color: rgb(180,  
252, 169) }
```

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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