

# Converting Colors

Android(4290641841)

Have a look what the booklet for  
Android(4290641841) contains.

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# **Color**

**Android(4290641841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>BDFFB1</code>
RGB	<code>189, 255, 177</code>
RGB Percent	<code>74%, 100%, 69%</code>
CMY	<code>0.2588, 0.0000, 0.3059</code>
CMYK	<code>0.26, 0.00, 0.31, 0.00</code>
HSL	<code>111°, 100%, 85%</code>
HSV	<code>111°, 31%, 100%</code>
XYZ	<code>64.6821, 85.5131, 54.6916</code>
YIQ	<code>226.3740, -14.2980, -38.2500</code>

# Conversions

## Conversions Part 2

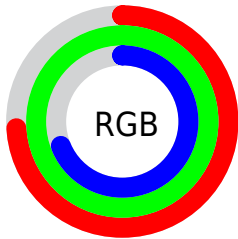
Format	Color
<a href="#">RYB</a>	<a href="#">177, 255, 243</a>
Decimal	<a href="#">12451761</a>
CIELab	<a href="#">94.10, -34.79, 30.85</a>
CIElCh	<a href="#">94, 46.498, 138.433</a>
Yxy	<a href="#">85.5131, 0.3157, 0.4174</a>
Android (android.graphics.Color)	<a href="#">4290641841 (0xFFBDFFB1)</a>
YUV	<a href="#">226.3740, -24.3414, -32.7770</a>
Hunter-Lab	<a href="#">92.4733, -36.9734, 29.6654</a>

# Details

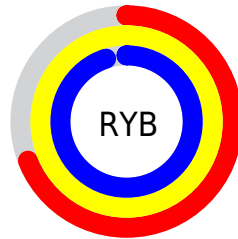
The Android color `4290641841` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4294160895`, and the grayscale version is `4293125091`.

A 20% lighter version of the original color is `4294442985`, and `4287022716` is the 20% darker color. If you saturate the color by 10%, you get `4289200023`, and if you desaturate by 10%, it is `4292083659`.

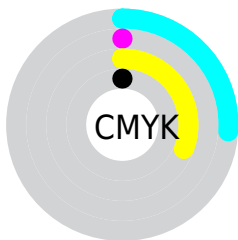
# Distribution



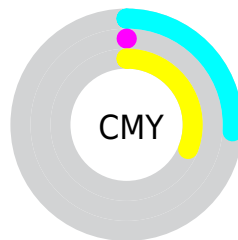
- Red (74%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290641841 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 4290641841 by changing the saturation by 10% instead.



 4290641841

 4290641841

4294967295

 4288799382

 4294442985

 4287022716

 4285246050

 4283535434

 4281824818

 4279983387

 4278207490

 4278201600

 4278195968

 4290641841

 4290641841

 4289200023

 4292083659

 4287823742

 4293459940

 4286381924

4294901758

 4285005643

4294967295

 4283563825

 4282187544

 4280811264

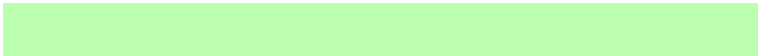
# Harmonies

## Analogous

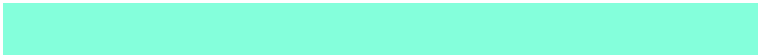
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4293981336



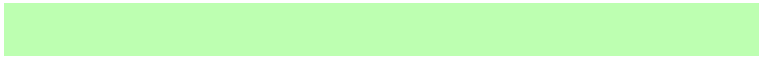
4290641841



4286906331

# Triad

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



4290641841



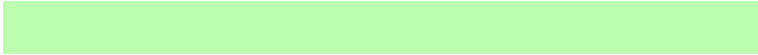
4287756543



4294954196

# Complementary

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



4290641841



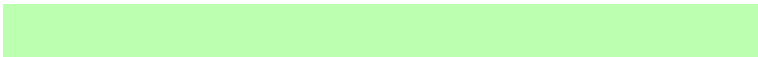
4294160895

# Split Complementary

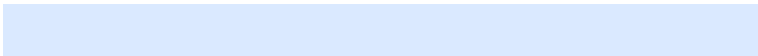
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294954495



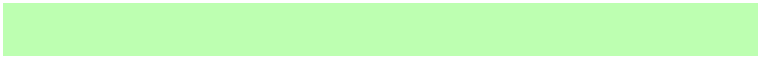
4290641841



4292536831

# Square

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



4290641841



4283105279



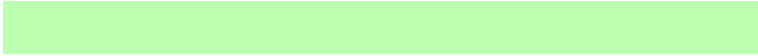
4294957567



4294956717

# Rectangle

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



4290641841



4284350458



4294957567

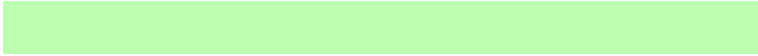


4294953955



# Sweetspot

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



4290641841



4293722088



4294963889



4285825137



4278190080

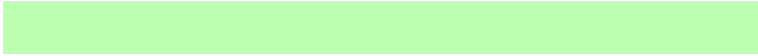


4286611584

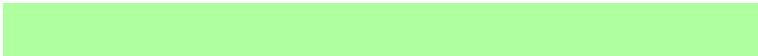


# Same Dimension

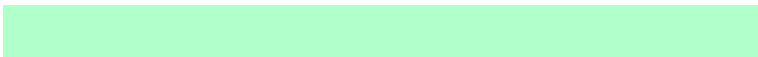
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4290641841



4289724321



4289855435



4285890675



4280139520



4278861824



# Inverse Universe

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



4294160895



4293960191



4294947301



4286477184



4288807103

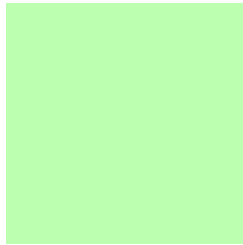


4281729088



# Previews

## White Background



This preview shows how the Android color 4290641841 looks on a white background.

## Color Contrast Check

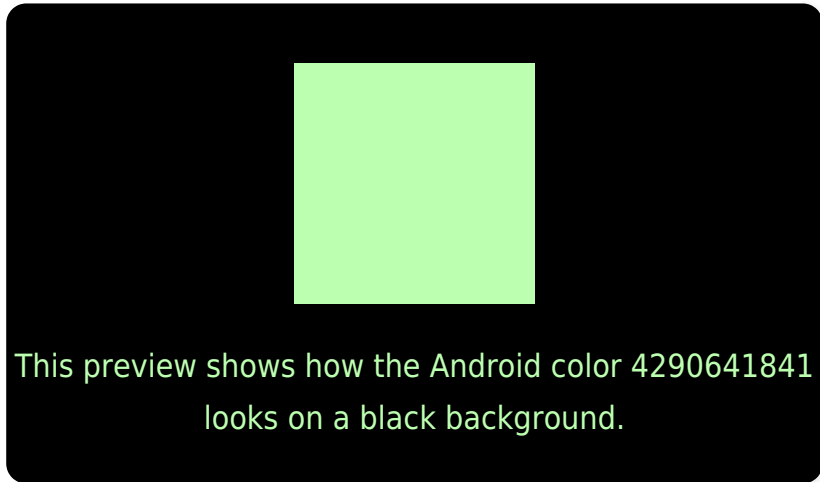
Large Text (above 18pt) WCAG AA × Fail

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 4290641841 Background



This preview shows how black text looks on a background with the Android color 4290641841.

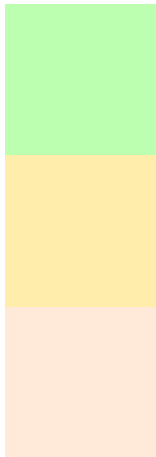


This preview shows how white text looks on a background with the Android color 4290641841.

# 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**  
4290641841

**Protanopia**  
4294962604

**Deuteranopia**  
4294961625

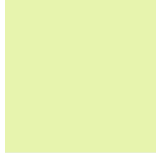


**Tritanopia**  
4292408063

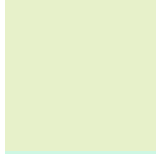
# Trichromacy



**Original Color**  
4290641841



**Protanomaly**  
4293391534

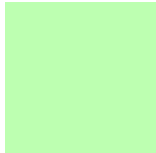


**Deuteranomaly**  
4293390794

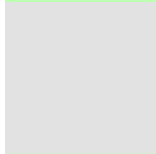


**Tritanomaly**  
4291753955

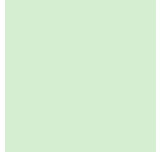
# Monochromacy



**Original Color**  
4290641841



**Achromatopsia**  
4293059298



**Achromatomaly**  
4292210128

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290641841 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(189, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 177)  
}
```

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(189, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 177) }
```

## Border

The CSS property to change the border of an element to Android 4290641841 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(189, 255, 177) }
```

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

```
.border{ border-color:rgb(189, 255, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4290641841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 177) }
```

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

```
.background{ background-color: rgb(189,  
255, 177) }
```

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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