

# Converting Colors

Android(4290379264)

Have a look what the booklet for  
Android(4290379264) contains.

<b>Android(4290379264)</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(4290379264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9FE00
RGB	185, 254, 0
RGB Percent	73%, 100%, 0%
CMY	0.2745, 0.0039, 1.0000
CMYK	0.27, 0.00, 1.00, 0.00
HSL	76°, 100%, 50%
HSV	76°, 100%, 100%
XYZ	55.4494, 81.1979, 12.7503
YIQ	204.4130, 40.4100, -93.6220

# Conversions

## Conversions Part 2

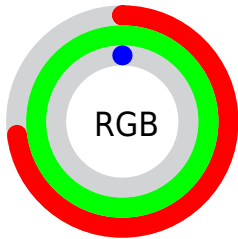
Format	Color
<b>RYB</b>	0, 254, 69
Decimal	12189184
CIELab	92.22, -48.68, 88.74
CIELCh	92, 101.212, 118.746
Yxy	81.1979, 0.3712, 0.5435
Android (android.graphics.Color)	4290379264 (0xFFB9FE00)
YUV	204.4130, -100.7756, -17.0252
Hunter-Lab	90.1099, -47.8518, 54.6876

# Details

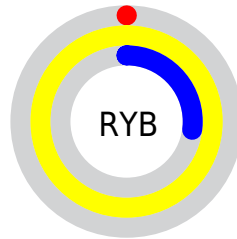
The Android color `4290379264` is a dark color, and the websafe version is hex `CCFF00`. The color can be described as middle saturated chartreuse. A complement of this color would be `4282712318`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4294377310`, and `4286432512` is the 20% darker color. If you saturate the color by 10%, you get `4290379264`, and if you desaturate by 10%, it is `4290838041`.

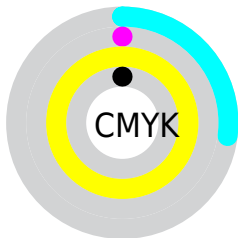
# Distribution



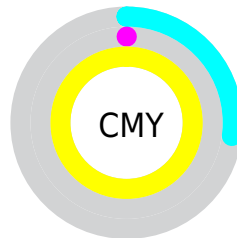
- Red (73%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (27%)



- Cyan (27%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290379264 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 4290379264 by changing the saturation by 10% instead.





4290379264



4290379264

4294967295



4288405760



4294377310



4286432512



4294967165



4284459264



4294967195



4282420992



4294967225



4279858176



4294967255



4278213376



4294967286



4278207232



4278201600




4278193920

 4290379264

 4290838041

 4291296819

 4291755596

 4292214374

 4292607615

 4293066392

 4293525170

 4293983947

 4294442725

# Harmonies

## Analogous

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



4294959872



4290379264



4278255485

# Triad

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



4290379264



4278255615



4294934513

# Complementary

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



4290379264



4282712318

# 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.



4294943231



4290379264



4278253311

# Square

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



4290379264



4278255615



4292530431



4294938769

# Rectangle

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



4290379264



4278255551



4292530431



4294936319

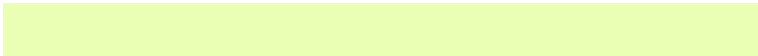


# Sweetspot

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



4290379264



4293590963



4294853632



4285759570



4278190080



4286611584



# Same Dimension

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



4290379264



4290445056



4282121728



4286349427



4287348480



4281221120



# Inverse Universe

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



4282712318



4282712319



4290969854



4285952896



4281598143

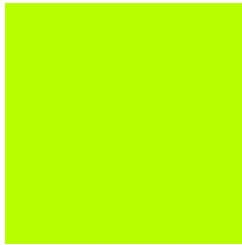


4279304256



# Previews

## White Background



This preview shows how the Android color 4290379264 looks on a white background.

## Color Contrast Check

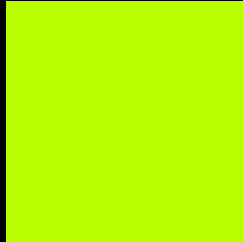
Large Text (above 18pt) WCAG AA × Fail

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 4290379264 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 4290379264 Background



This preview shows how black text looks on a background with the Android color 4290379264.

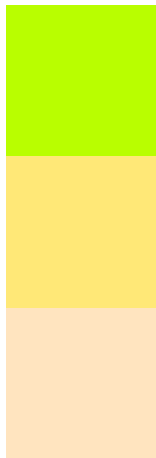


This preview shows how white text looks on a background with the Android color 4290379264.

# 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](#).

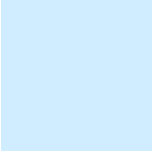
## Dichromacy



**Original Color**  
4290379264

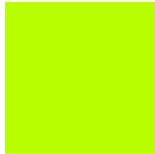
**Protanopia**  
4294961271

**Deuteranopia**  
4294960319

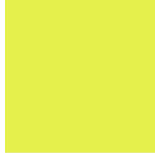


**Tritanopia**  
4291882239

# Trichromacy



**Original Color**  
4290379264



**Protanomaly**  
4293324876



**Deuteranomaly**  
4293324154

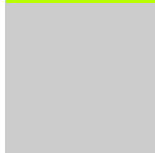


**Tritanomaly**  
4291359650

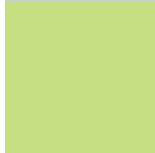
# Monochromacy



**Original Color**  
4290379264



**Achromatopsia**  
4291611852



**Achromatomaly**  
4291157634

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290379264 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(185, 254, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 254, 0)  
}
```

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(185, 254, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 254, 0) }
```

## Border

The CSS property to change the border of an element to Android 4290379264 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(185, 254, 0) }
```

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

```
.border{ border-color:rgb(185, 254, 0) }
```

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

Here you see how a box with a 4 pixel rgb(185, 254, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 254, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 254, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 254,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4290379264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 254, 0) }
```

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

```
.background{ background-color: rgb(185,  
254, 0) }
```

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