

# Converting Colors

Android(4279235840)

Have a look what the booklet for  
Android(4279235840) contains.

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# **Color**

**Android(4279235840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FF500
RGB	15, 245, 0
RGB Percent	6%, 96%, 0%
CMY	0.9412, 0.0392, 1.0000
CMYK	0.94, 0.00, 1.00, 0.04
HSL	116°, 100%, 48%
HSV	116°, 100%, 96%
XYZ	32.8494, 65.4064, 10.8934
YIQ	148.3000, -58.4350, -124.9550

# Conversions

## Conversions Part 2

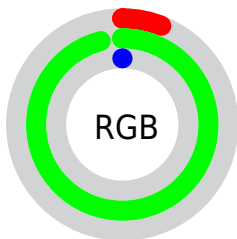
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 245, 230
Decimal	1045760
CIELab	84.69, -83.13, 80.76
CIELCh	85, 115.904, 135.829
Yxy	65.4064, 0.3010, 0.5992
Android (android.graphics.Color)	4279235840 (0xFF0FF500)
YUV	148.3000, -73.1119, -116.9041
Hunter-Lab	80.8742, -69.0269, 48.6259

# Details

The Android color **4279235840** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **4293263605**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4286119770**, and **4278237952** is the 20% darker color. If you saturate the color by 10%, you get **4279235840**, and if you desaturate by 10%, it is **4280743192**.

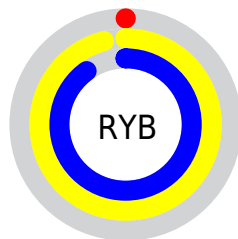
# Distribution



Red (6%)

Green (96%)

Blue (0%)



Red (0%)

Yellow (96%)

Blue (90%)

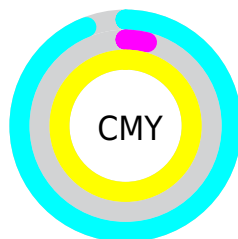


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (94%)

Magenta (4%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279235840 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 4279235840 by changing the saturation by 10% instead.



 4279235840

 4279235840

4294967295

 4278245376

 4286119770

 4278237952

 4288348025

 4278230784

 4290576278

 4278223616

 4292673460

 4278216704

 4294836178

 4278210048

 4294967280

 4278203392

 4278196480

 4278190080

 4279235840

 4280743192

 4282250545

 4283757898

 4285265250

 4286772603

 4288279955

 4289787307

 4291294660

 4292802013

# Harmonies

## Analogous

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



4291420160



4279235840



4278255514

# Triad

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



4279235840



4278251519



4294917535

# Complementary

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



4279235840



4293263605

# 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.



4294921471



4279235840



4278243071

# Square

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



4279235840



4278255615



4294940159



4294935345

# Rectangle

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



4279235840



4278255591



4294940159



4294914243

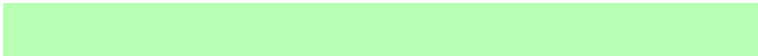


# Sweetspot

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



4279235840



4290248627



4294305024



4283727954



4278190080



4286611584



# Same Dimension

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



4279235840



4279303936



4278252906



4285495918



4278958592



4278467328



# Inverse Universe

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



4293263605



4293853439



4294246539



4286213754



4289659066

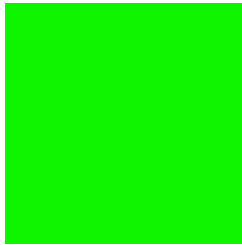


4281794619



# Previews

## White Background



This preview shows how the Android color 4279235840 looks on a white background.

## Color Contrast Check

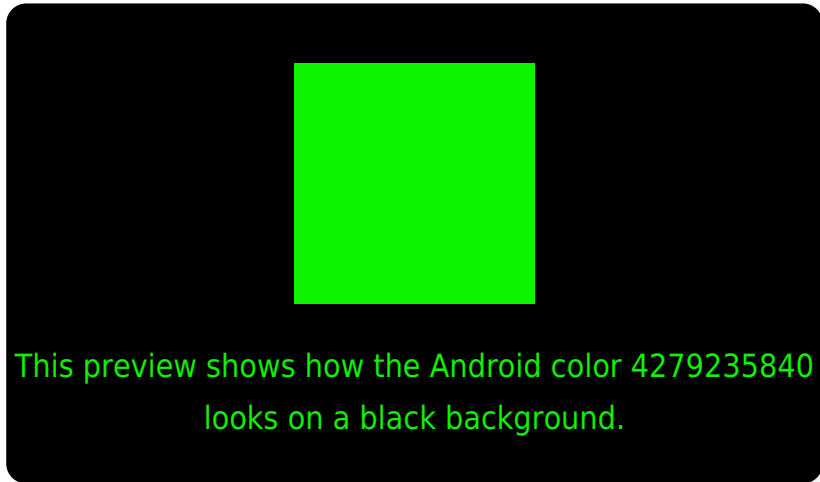
Large Text (above 18pt) WCAG AA × Fail

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

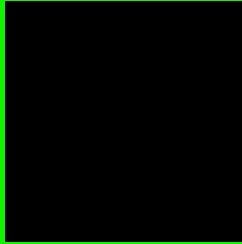
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

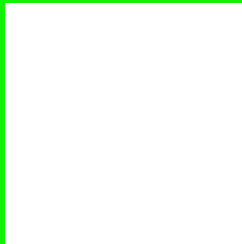
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279235840 Background



This preview shows how black text looks on a background with the Android color 4279235840.



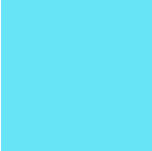
This preview shows how white text looks on a background with the Android color 4279235840.

# 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](#).

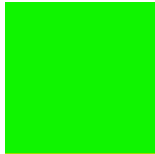
## Dichromacy





**Tritanopia**  
4284998902

# Trichromacy



**Original Color**

4279235840



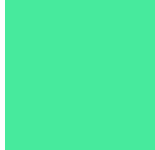
**Protanomaly**

4288470784



**Deuteranomaly**

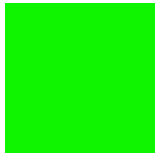
4289255490



**Tritanomaly**

4282903197

# Monochromacy



**Original Color**

4279235840



**Achromatopsia**

4287927444



**Achromatomaly**

4284790622

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279235840 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(15, 245, 0)` looks like.

```
.text, #text, p{  
    color:rgb(15, 245, 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(15, 245, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 245, 0) }
```

## Border

The CSS property to change the border of an element to Android 4279235840 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(15, 245, 0) }
```

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

```
.border{ border-color:rgb(15, 245, 0) }
```

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

Here you see how a box with a 4 pixel rgb(15, 245, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 245, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 245, 0);  
box-shadow:4px 4px 4px 4px rgb(15, 245, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279235840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 245, 0) }
```

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

```
.background{ background-color: rgb(15, 245,  
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](#).



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