

# Converting Colors

Android(4280811065)

Have a look what the booklet for  
Android(4280811065) contains.

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# **Color**

**Android(4280811065)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27FE39
RGB	39, 254, 57
RGB Percent	15%, 100%, 22%
CMY	0.8471, 0.0039, 0.7765
CMYK	0.85, 0.00, 0.78, 0.00
HSL	125°, 99%, 57%
HSV	125°, 85%, 100%
XYZ	37.0170, 71.6104, 15.7421
YIQ	167.2570, -64.9030, -106.8470

# Conversions

## Conversions Part 2

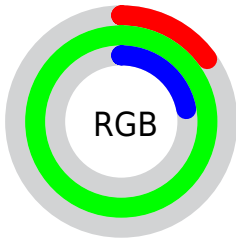
Format	Color
R <sub>Y</sub> B	39, 237, 254
Decimal	2620985
CIE Lab	87.78, -82.19, 73.96
CIE LCh	88, 110.571, 138.017
Yxy	71.6104, 0.2976, 0.5758
Android (android.graphics.Color)	4280811065 (0xFF27FE39)
YUV	167.2570, -54.3567, -112.4814
Hunter-Lab	84.6229, -70.0079, 48.2065

# Details

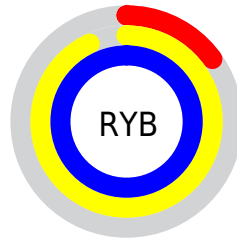
The Android color `4280811065` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4294846444`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4286578550`, and `4278240000` is the 20% darker color. If you saturate the color by 10%, you get `4279172642`, and if you desaturate by 10%, it is `4282449488`.

# Distribution



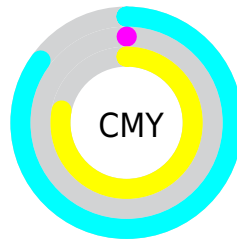
- Red (15%)
- Green (100%)
- Blue (22%)



- Red (15%)
- Yellow (93%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280811065 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 4280811065 by changing the saturation by 10% instead.





4280811065



4280811065

4294967295



4278247435



4286578550



4278240000



4288872339



4278232832



4291035056



4278225664



4293132237



4278218752



4294967275



4278211840



4278205696



4278198784



4278190080

■ 4280811065

■ 4280811065

■ 4279172642

■ 4282449488

■ 4278255125

■ 4284153448

■ 4285791871

■ 4287495830

■ 4289134253

■ 4290772677

■ 4292476636

■ 4294115059

4294967039

# Harmonies

## Analogous

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



4291684864



4280811065



4278255533

# Triad

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



4280811065



4278253055



4294926498

# Complementary

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



4280811065



4294846444

# 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.



4294927615



4280811065



4283945983

# Square

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



4280811065



4278255615



4294942463



4294940219

# Rectangle

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



4280811065



4278255607



4294942463



4294924229

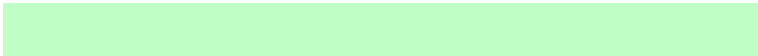


# Sweetspot

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



4280811065



4290772933



4293721639



4284055644



4278190080



4286611584



# Same Dimension

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



4280811065



4278255381



4280811172



4285759604



4278238992



4278206469



# Inverse Universe

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



4294846444



4294901994



4294846337



4286608254



4290707631

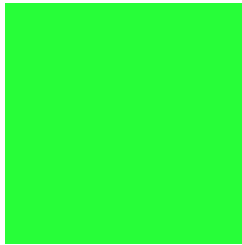


4282384442



# Previews

## White Background



This preview shows how the Android color 4280811065 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 4280811065 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 4280811065 Background



This preview shows how black text looks on a background with the Android color 4280811065.

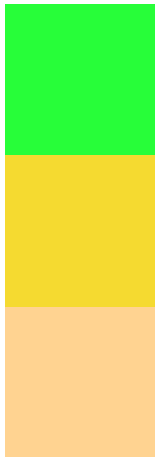


This preview shows how white text looks on a background with the Android color 4280811065.

# 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



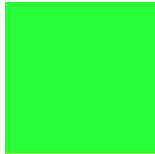
**Original Color**  
4280811065

**Protanopia**  
4294302256

**Deuteranopia**  
4294955921



# Trichromacy



**Original Color**  
4280811065



**Protanomaly**  
4289390387

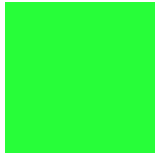


**Deuteranomaly**  
4289782641



**Tritanomaly**  
4283954103

# Monochromacy



**Original Color**  
4280811065



**Achromatopsia**  
4289177511



**Achromatomaly**  
4286105471

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280811065 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(39, 254, 57)` looks like.

```
.text, #text, p{  
    color:rgb(39, 254, 57)  
}
```

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(39, 254, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 254, 57) }
```

## Border

The CSS property to change the border of an element to Android 4280811065 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(39, 254, 57) }
```

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

```
.border{ border-color:rgb(39, 254, 57) }
```

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

Here you see how a box with a 4 pixel rgb(39, 254, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 254, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 254, 57);  
box-shadow:4px 4px 4px 4px rgb(39, 254,  
57) }
```

# Background

The CSS property to change the background color of an element to Android 4280811065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 254, 57) }
```

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

```
.background{ background-color: rgb(39, 254,  
57) }
```

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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