

# Converting Colors

Android(4280680269)

Have a look what the booklet for  
Android(4280680269) contains.

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# **Color**

**Android(4280680269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25FF4D
RGB	37, 255, 77
RGB Percent	15%, 100%, 30%
CMY	0.8549, 0.0000, 0.6980
CMYK	0.85, 0.00, 0.70, 0.00
HSL	131°, 100%, 57%
HSV	131°, 85%, 100%
XYZ	37.8625, 72.4491, 19.0097
YIQ	169.5260, -72.7900, -101.5740

# Conversions

## Conversions Part 2

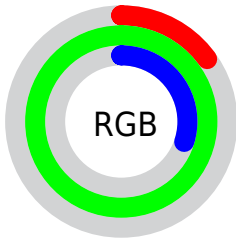
Format	Color
<a href="#">RYB</a>	<a href="#">37, 221, 255</a>
Decimal	<a href="#">2490189</a>
CIELab	<a href="#">88.18, -81.17, 67.85</a>
CIELCh	<a href="#">88, 105.793, 140.110</a>
Yxy	<a href="#">72.4491, 0.2928, 0.5602</a>
Android (android.graphics.Color)	<a href="#">4280680269 (0xFF25FF4D)</a>
YUV	<a href="#">169.5260, -45.6153, -116.2253</a>
Hunter-Lab	<a href="#">85.1171, -69.5529, 46.3403</a>

# Details

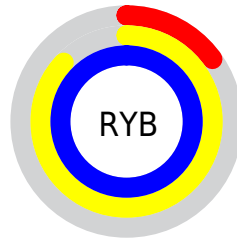
The Android color `4280680269` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4294911447`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4286513030`, and `4278240256` is the 20% darker color. If you saturate the color by 10%, you get `4279041848`, and if you desaturate by 10%, it is `4282384226`.

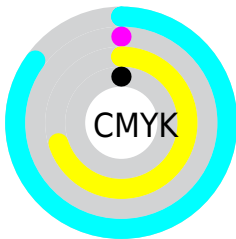
# Distribution



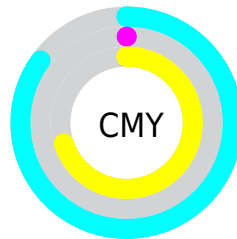
- Red (15%)
- Green (100%)
- Blue (30%)



- Red (15%)
- Yellow (87%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280680269 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 4280680269 by changing the saturation by 10% instead.



 4280680269

 4280680269

4294967295

 4278247726

 4286513030

 4278240256

 4288741283

 4278233088

 4290904000

 4278225920

 4293001181

 4278219008

 4294967290

 4278212096

 4278205952

 4278199040

 4278190080

■ 4280680269

■ 4280680269

■ 4279041848

■ 4282384226

■ 4278255407

■ 4284022647

■ 4285726603

■ 4287365024

■ 4289068981

■ 4290707402

■ 4292411359

■ 4294049780

4294967295

# Harmonies

## Analogous

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



4291423488



4280680269



4278255543

# Triad

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



4280680269



4278252543



4294930335

# Complementary

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



4280680269



4294911447

# 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.



4294930175



4280680269



4286894591

# Square

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



4280680269



4278255615



4294942719



4294942526

# Rectangle

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



4280680269



4278255614



4294942719



4294928320

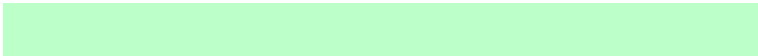


# Sweetspot

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



4280680269



4290641865



4292345637



4283990111



4278190080



4286611584



# Same Dimension

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



4280680269



4278255407



4280680378



4285759605



4278239011



4278206476



# Inverse Universe

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



4294911447



4294901968



4294911338



4286608253



4290707612

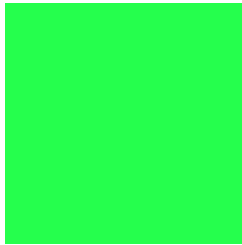


4282384436



# Previews

## White Background



This preview shows how the Android color 4280680269 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 4280680269 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 4280680269 Background



This preview shows how black text looks on a background with the Android color 4280680269.

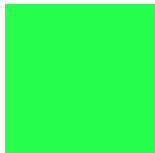


This preview shows how white text looks on a background with the Android color 4280680269.

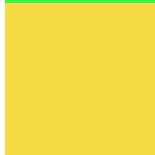
# Color Blindness Simulation

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



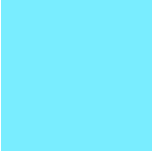
**Original Color**  
4280680269



**Protanopia**  
4294302532



**Deuteranopia**  
4294956183



**Tritanopia**  
4286180863

# Trichromacy



**Original Color**

4280680269



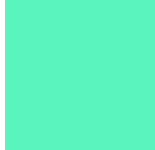
**Protanomaly**

4289325127



**Deuteranomaly**

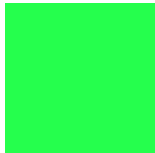
4289782908



**Tritanomaly**

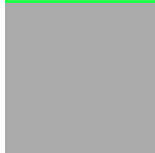
4284150974

# Monochromacy



**Original Color**

4280680269



**Achromatopsia**

4289374890



**Achromatomaly**

4286237064

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280680269 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(37, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(37, 255, 77)  
}
```

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(37, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 255, 77) }
```

## Border

The CSS property to change the border of an element to Android 4280680269 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(37, 255, 77) }
```

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

```
.border{ border-color:rgb(37, 255, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 255, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(37, 255,  
77) }
```

# Background

The CSS property to change the background color of an element to Android 4280680269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 255, 77) }
```

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

```
.background{ background-color: rgb(37, 255,  
77) }
```

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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