

# Converting Colors

Android(4279828321)

Have a look what the booklet for  
Android(4279828321) contains.

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# **Color**

**Android(4279828321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18FF61
RGB	24, 255, 97
RGB Percent	9%, 100%, 38%
CMY	0.9059, 0.0000, 0.6196
CMYK	0.91, 0.00, 0.62, 0.00
HSL	139°, 100%, 55%
HSV	139°, 91%, 100%
XYZ	38.2944, 72.5773, 23.2998
YIQ	167.9190, -86.9580, -98.1100

# Conversions

## Conversions Part 2

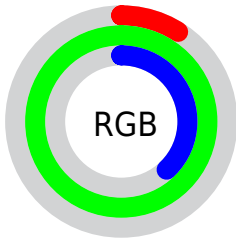
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 200, 255
Decimal	1638241
CIE <sub>Lab</sub>	88.25, -80.04, 60.11
CIE <sub>LCh</sub>	88, 100.100, 143.096
Yxy	72.5773, 0.2854, 0.5409
Android (android.graphics.Color)	4279828321 (0xFF18FF61)
YUV	167.9190, -34.9631, -126.2170
Hunter-Lab	85.1923, -68.8499, 43.4190

# Details

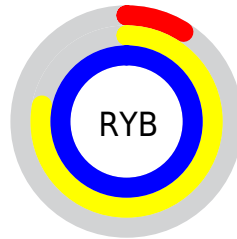
The Android color `4279828321` is a dark color, and the websafe version is hex `00FF66`. The color can be described as dark washed spring green. A complement of this color would be `4294908086`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4286185368`, and `4278240295` is the 20% darker color. If you saturate the color by 10%, you get `4278255441`, and if you desaturate by 10%, it is `4281466738`.

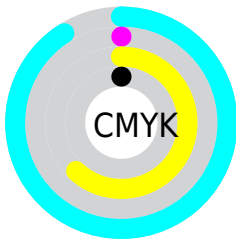
# Distribution



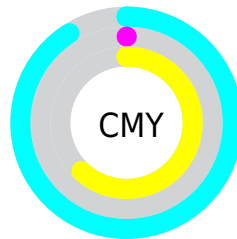
- Red (9%)
- Green (100%)
- Blue (38%)



- Red (9%)
- Yellow (78%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279828321 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 4279828321 by changing the saturation by 10% instead.



 4279828321

 4279828321

4294967295

 4278247749

 4286185368

 4278240295

 4288479157

 4278233088

 4290641873

 4278225920

 4292739055

 4278219008

4294836223

 4278212096

 4278205952

 4278199040

 4278190080

 4279828321

 4279828321

 4278255441

 4281466738


 4283170692

 4284809109

 4286513063

 4288151480

 4289855434

 4291559387

 4293197805

 4294836222

# Harmonies

## Analogous

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



4290964992



4279828321



4278255555

# Triad

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



4279828321



4278251775



4294934169

# Complementary

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



4279828321



4294908086

# 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.



4294932472



4279828321



4289318655

# Square

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



4279828321



4278255615



4294942719



4294944831

# Rectangle

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



4279828321



4278255615



4294942719



4294931896

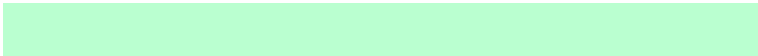


# Sweetspot

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



4279828321



4290445264



4290445080



4283924580



4278190080



4286611584



# Same Dimension

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



4279828321



4278255441



4279828433



4285759607



4278239036



4278206484



# Inverse Universe

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



4294908086



4294901934



4294907974



4286608251



4290707587

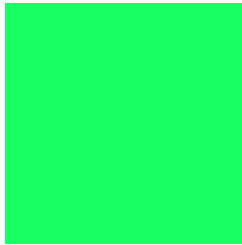


4282384428



# Previews

## White Background



This preview shows how the Android color 4279828321 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 4279828321 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 4279828321 Background



This preview shows how black text looks on a background with the Android color 4279828321.



This preview shows how white text looks on a background with the Android color 4279828321.

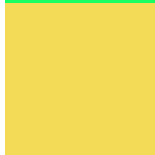
# Color Blindness Simulation

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**  
4279828321



**Protanopia**  
4294237015



**Deuteranopia**  
4294956187



**Tritanopia**  
4286115327

# Trichromacy



**Original Color**

4279828321



**Protanomaly**

4288997467



**Deuteranomaly**

4289455238



**Tritanomaly**

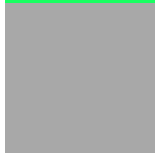
4283823302

# Monochromacy



**Original Color**

4279828321



**Achromatopsia**

4289243304



**Achromatomaly**

4285843598

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279828321 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(24, 255, 97)` looks like.

```
.text, #text, p{  
    color:rgb(24, 255, 97)  
}
```

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(24, 255, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 255, 97) }
```

## Border

The CSS property to change the border of an element to Android 4279828321 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(24, 255, 97) }
```

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

```
.border{ border-color:rgb(24, 255, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 255, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 255, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 255, 97);  
box-shadow:4px 4px 4px 4px rgb(24, 255,  
97) }
```

# Background

The CSS property to change the background color of an element to Android 4279828321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 255, 97) }
```

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

```
.background{ background-color: rgb(24, 255,  
97) }
```

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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