

Converting Colors

Android(4278254666)

Have a look what the booklet for
Android(4278254666) contains.

Android(4278254666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278254666)

Conversions

Conversions Part 1

Format	Color
Hex	00FC4A
RGB	0, 252, 74
RGB Percent	0%, 99%, 29%
CMY	1.0000, 0.0118, 0.7098
CMYK	1.00, 0.00, 0.71, 0.01
HSL	138°, 100%, 49%
HSV	138°, 100%, 99%
XYZ	36.0464, 70.1152, 18.1123
YIQ	156.3600, -93.0540, -108.7820

Conversions

Conversions Part 2

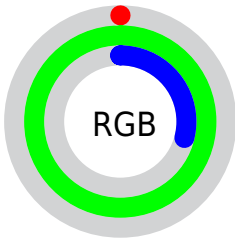
Format	Color
RYB	0, 195, 252
Decimal	64586
CIELab	87.05, -82.28, 67.68
CIELCh	87, 106.539, 140.558
Yxy	70.1152, 0.2901, 0.5642
Android (android.graphics.Color)	4278254666 (0xFF00FC4A)
YUV	156.3600, -40.6035, -137.1277
Hunter-Lab	83.7348, -69.6947, 45.7896

Details

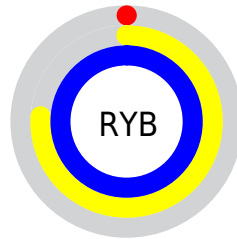
The Android color **4278254666** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **4294705330**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4285923203**, and **4278239744** is the 20% darker color. If you saturate the color by 10%, you get **4278254666**, and if you desaturate by 10%, it is **4279893084**.

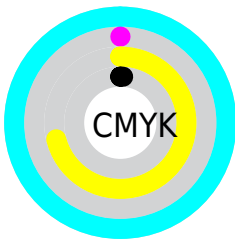
Distribution



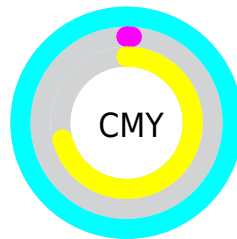
- Red (0%)
- Green (99%)
- Blue (29%)



- Red (0%)
- Yellow (76%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278254666 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 4278254666 by changing the saturation by 10% instead.

 4278254666

 4278254666

4294967295

 4278246954

 4285923203

 4278239744

 4288216992

 4278232320

 4290379709

 4278225152

 4292542426

 4278218240

 4294639607

 4278211584


 4278205184

 4278198272

 4278190080

 4278254666

 4279893084

 4281531502

 4283235455

 4284873873

 4286512291

 4288150709

 4289789127

 4291493080

 4293131498

Harmonies

Analogous

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



4291029504



4278254666



4278255542

Triad

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



4278254666



4278251775



4294929050

Complementary

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



4278254666



4294705330

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.



4294928383



4278254666



4286828031

Square

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



4278254666



4278255615



4294941439



4294941751

Rectangle

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



4278254666



4278255612



4294941439



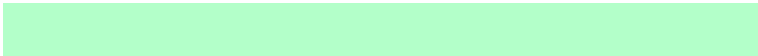
4294926779

Sweetspot

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



4278254666



4289986505



4290116608



4283596895



4278190080



4286611584

Same Dimension

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



4278254666



4278255435



4278254789



4285562228



4278238519



4278205714

Inverse Universe

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



4294705330



4294901940



4294705207



4286410873



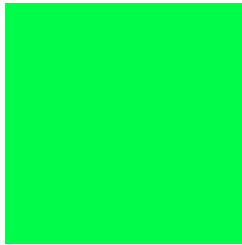
4290576517



4282187819

Previews

White Background



This preview shows how the Android color 4278254666 looks on a white background.

Color Contrast Check

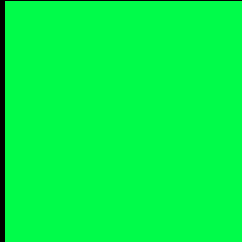
Large Text (above 18pt) WCAG AA × Fail

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 4278254666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

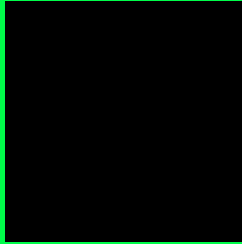
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

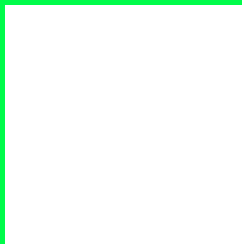
Any Text WCAG AAA ✓ Pass

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

Android 4278254666 Background



This preview shows how black text looks on a background with the Android color 4278254666.

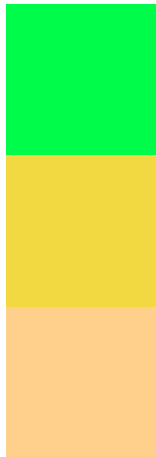


This preview shows how white text looks on a background with the Android color 4278254666.

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
4278254666

Protanopia
4294105153

Deuteranopia
4294955147

Trichromacy



Original Color

4278254666



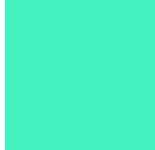
Protanomaly

4288341316



Deuteranomaly

4288864371



Tritanomaly

4282577341

Monochromacy



Original Color

4278254666



Achromatopsia

4288453788



Achromatomaly

4284727166

CSS Examples

Text

The CSS property to change the color of the text to Android 4278254666 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(0, 252, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 74)  
}
```

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(0, 252, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 74) }
```

Border

The CSS property to change the border of an element to Android 4278254666 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(0, 252, 74) }
```

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

```
.border{ border-color:rgb(0, 252, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 74);  
box-shadow:4px 4px 4px 4px rgb(0, 252, 74)  
}
```

Background

The CSS property to change the background color of an element to Android 4278254666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 74) }
```

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

```
.background{ background-color: rgb(0, 252,  
74) }
```

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