

Converting Colors

Android(4279234676)

Have a look what the booklet for
Android(4279234676) contains.

Android(4279234676)	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(4279234676)

Conversions

Conversions Part 1

Format	Color
Hex	0FF074
RGB	15, 240, 116
RGB Percent	6%, 94%, 45%
CMY	0.9412, 0.0588, 0.5451
CMYK	0.94, 0.00, 0.52, 0.06
HSL	147°, 88%, 50%
HSV	147°, 94%, 94%
XYZ	34.5095, 63.6827, 26.9962
YIQ	158.5890, -94.2960, -86.2640

Conversions

Conversions Part 2

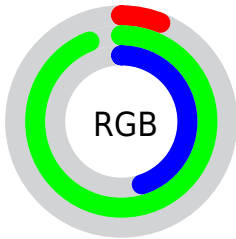
Format	Color
RYB	15, 170, 240
Decimal	1044596
CIELab	83.80, -73.47, 46.42
CIELCh	84, 86.912, 147.713
Yxy	63.6827, 0.2757, 0.5087
Android (android.graphics.Color)	4279234676 (0xFF0FF074)
YUV	158.5890, -20.9964, -125.9276
Hunter-Lab	79.8014, -62.4616, 35.8037

Details

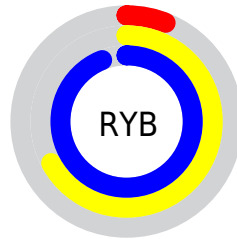
The Android color **4279234676** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **4293922699**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4285726634**, and **4278236736** is the 20% darker color. If you saturate the color by 10%, you get **4278251628**, and if you desaturate by 10%, it is **4280807553**.

Distribution



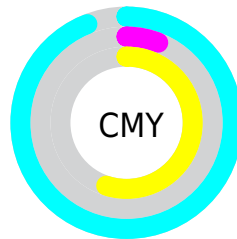
- Red (6%)
- Green (94%)
- Blue (45%)



- Red (6%)
- Yellow (67%)
- Blue (94%)



- Cyan (94%)
- Magenta (0%)
- Yellow (52%)
- Black (6%)



- Cyan (94%)
- Magenta (6%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279234676 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 4279234676 by changing the saturation by 10% instead.

 4279234676

 4279234676

4294967295

 4278244186

 4285726634

 4278236736

 4287954886

 4278229541

 4290052067

 4278222595

 4292149247

 4278215680

 4294246399

 4278209024

 4278202880

 4278195712

 4278190080

■ 4279234676

■ 4279234676

■ 4278251628

■ 4280807553

■ 4282380430

■ 4283953308

■ 4285526185

■ 4287099062

■ 4288671939

■ 4290244817

■ 4291817694

■ 4293390571

Harmonies

Analogous

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



4289651238



4279234676



4278253256

Triad

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



4279234676



4278246911



4294936714

Complementary

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



4279234676



4293922699

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.



4294934235



4279234676



4290952959

Square

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



4279234676



4278251519



4294940927



4294945346

Rectangle

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



4279234676



4278253567



4294940927



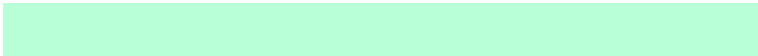
4294934692

Sweetspot

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



4279234676



4290314200



4287557647



4283727976



4278190080



4286611584

Same Dimension

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



4279234676



4278255474



4279234785



4285298801



4278237266



4278204441

Inverse Universe

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



4293922699



4294901901



4293922590



4286082162



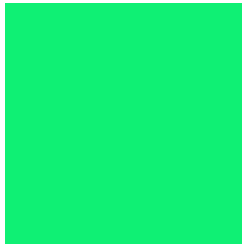
4290248805



4281860127

Previews

White Background



This preview shows how the Android color 4279234676 looks on a white background.

Color Contrast Check

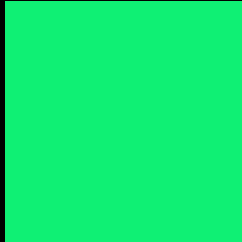
Large Text (above 18pt) WCAG AA × Fail

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 4279234676 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 4279234676 Background



This preview shows how black text looks on a background with the Android color 4279234676.

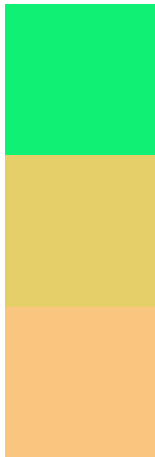


This preview shows how white text looks on a background with the Android color 4279234676.

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
4279234676

Protanopia
4293250921

Deuteranopia
4294624895

Trichromacy



Original Color

4279234676



Protanomaly

4288142189



Deuteranomaly

4289058171



Tritanomaly

4282509253

Monochromacy



Original Color

4279234676



Achromatopsia

4288651167



Achromatomaly

4285250703

CSS Examples

Text

The CSS property to change the color of the text to Android 4279234676 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, 240, 116)` looks like.

```
.text, #text, p{  
    color:rgb(15, 240, 116)  
}
```

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, 240, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 240, 116) }
```

Border

The CSS property to change the border of an element to Android 4279234676 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, 240, 116) }
```

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

```
.border{ border-color:rgb(15, 240, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 240, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 240, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 240, 116);  
box-shadow:4px 4px 4px 4px rgb(15, 240,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4279234676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 240, 116) }
```

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

```
.background{ background-color: rgb(15, 240,  
116) }
```

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