

Converting Colors

Android(4279038084)

Have a look what the booklet for
Android(4279038084) contains.

Android(4279038084)	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(4279038084)

Conversions

Conversions Part 1

Format	Color
Hex	0CF084
RGB	12, 240, 132
RGB Percent	5%, 94%, 52%
CMY	0.9529, 0.0588, 0.4824
CMYK	0.95, 0.00, 0.45, 0.06
HSL	152°, 90%, 49%
HSV	152°, 95%, 94%
XYZ	35.4766, 64.0643, 32.3256
YIQ	159.5160, -101.2200, -81.9240

Conversions

Conversions Part 2

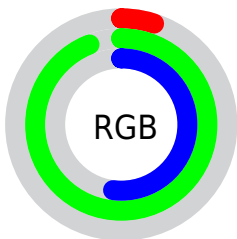
Format	Color
RYB	12, 161, 240
Decimal	848004
CIELab	84.00, -71.03, 38.99
CIELCh	84, 81.028, 151.236
Yxy	64.0643, 0.2690, 0.4858
Android (android.graphics.Color)	4279038084 (0xFF0CF084)
YUV	159.5160, -13.5654, -129.3715
Hunter-Lab	80.0402, -60.9529, 32.0828

Details

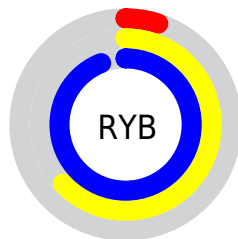
The Android color **4279038084** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark saturated spring green. A complement of this color would be **4293921912**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4285661114**, and **4278236752** is the 20% darker color. If you saturate the color by 10%, you get **4278251646**, and if you desaturate by 10%, it is **4280610959**.

Distribution



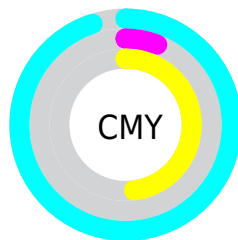
- Red (5%)
- Green (94%)
- Blue (52%)



- Red (5%)
- Yellow (63%)
- Blue (94%)



- Cyan (95%)
- Magenta (0%)
- Yellow (45%)
- Black (6%)



- Cyan (95%)
- Magenta (6%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279038084 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 4279038084 by changing the saturation by 10% instead.

 4279038084

 4279038084

4294967295

 4278244202

 4285661114

 4278236752

 4287889366

 4278229559

 4290052083

 4278222622

 4292083711

 4278215680

 4294180863

 4278209024

 4278202880

 4278195968

 4278190080

 4279038084

 4279038084

 4278251646

 4280610959

 4282183835

 4283756710

 4285329585

 4286902461

 4288475336

 4290048212

 4291621087

 4293193962

Harmonies

Analogous

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



4289258560



4279038084



4278253010

Triad

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



4279038084



4278245887



4294939527

Complementary

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



4279038084



4293921912

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.



4294936530



4279038084



4292197631

Square

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



4279038084



4278250751



4294941439



4294947399

Rectangle

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



4279038084



4278253055



4294941439



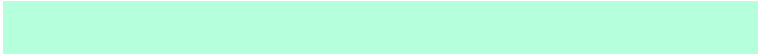
4294937759

Sweetspot

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



4279038084



4290117596



4286246924



4283662442



4278190080



4286611584

Same Dimension

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



4279038084



4278255494



4279037168



4285298802



4278237281



4278204446

Inverse Universe

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



4293921912



4294901881



4293922828



4286082162



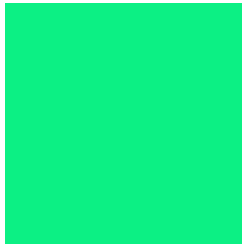
4290248791



4281860123

Previews

White Background



This preview shows how the Android color 4279038084 looks on a white background.

Color Contrast Check

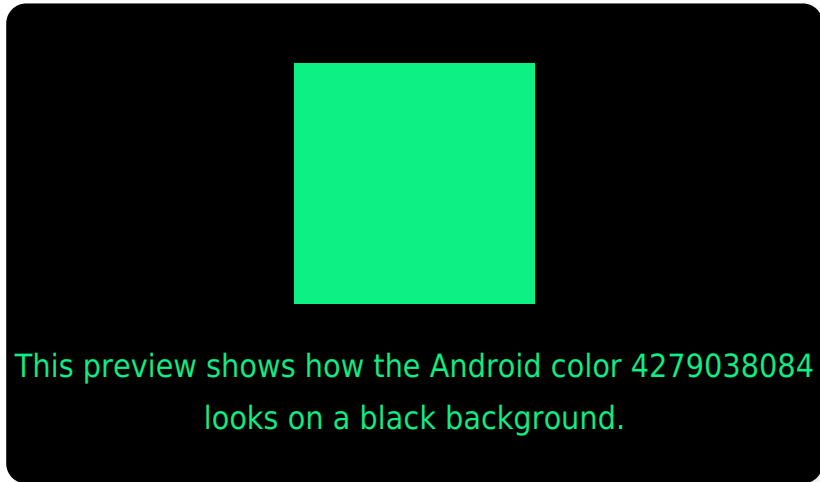
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4279038084 Background



This preview shows how black text looks on a background with the Android color 4279038084.

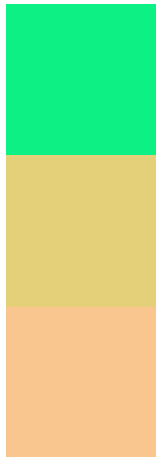


This preview shows how white text looks on a background with the Android color 4279038084.

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
4279038084

Protanopia
4293120120

Deuteranopia
4294493838

Trichromacy



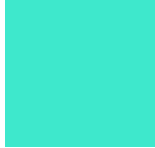
Original Color
4279038084



Protanomaly
4288011388



Deuteranomaly
4288861578



Tritanomaly
4282312908

Monochromacy



Original Color
4279038084



Achromatopsia
4288716960



Achromatomaly
4285185430

CSS Examples

Text

The CSS property to change the color of the text to Android 4279038084 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(12, 240, 132)` looks like.

```
.text, #text, p{  
    color:rgb(12, 240, 132)  
}
```

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(12, 240, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 240, 132) }
```

Border

The CSS property to change the border of an element to Android 4279038084 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(12, 240, 132) }
```

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

```
.border{ border-color:rgb(12, 240, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 240, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 240, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 240, 132);  
box-shadow:4px 4px 4px 4px rgb(12, 240,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4279038084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 240, 132) }
```

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

```
.background{ background-color: rgb(12, 240,  
132) }
```

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