

# Converting Colors

Android(4279102464)

Have a look what the booklet for  
Android(4279102464) contains.

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# **Color**

**Android(4279102464)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DEC00
RGB	13, 236, 0
RGB Percent	5%, 93%, 0%
CMY	0.9490, 0.0745, 1.0000
CMYK	0.94, 0.00, 1.00, 0.07
HSL	117°, 100%, 46%
HSV	117°, 100%, 93%
XYZ	30.1614, 60.0765, 10.0063
YIQ	142.4190, -57.1520, -120.6720

# Conversions

## Conversions Part 2

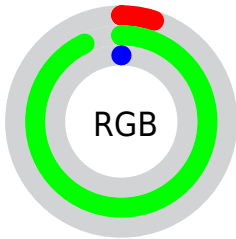
Format	Color
<a href="#">RYB</a>	0, 236, 223
Decimal	912384
CIELab	81.88, -80.85, 78.50
CIELCh	82, 112.695, 135.845
Yxy	60.0765, 0.3009, 0.5993
Android (android.graphics.Color)	4279102464 (0xFF0DEC00)
YUV	142.4190, -70.2126, -113.5005
Hunter-Lab	77.5090, -66.1803, 46.6021

# Details

The Android color `4279102464` 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 `4292804844`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4285923160`, and `4278235648` is the 20% darker color. If you saturate the color by 10%, you get `4279102464`, and if you desaturate by 10%, it is `4280544280`.

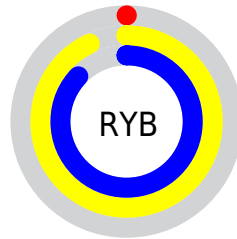
# Distribution



Red (5%)

Green (93%)

Blue (0%)



Red (0%)

Yellow (93%)

Blue (87%)

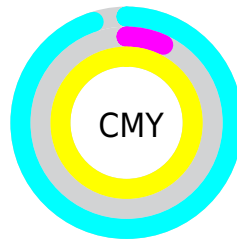


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (95%)

Magenta (7%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279102464 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 4279102464 by changing the saturation by 10% instead.



 4279102464

 4279102464

4294967295

 4278243072

 4285923160

 4278235648

 4288151414

 4278228480

 4290314132

 4278221568

 4292476849

 4278214656

 4294574031

 4278208256

 4294967277

 4278201600

 4278193408

 4278190080

 4279102464

 4280544280

 4282051631

 4283493447

 4284935262

 4286377078

 4287884430

 4289326245

 4290768061

 4292275412

# Harmonies

## Analogous

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



4290893824



4279102464



4278253204

# Triad

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



4279102464



4278249471



4294916761

# Complementary

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



4279102464



4292804844

# 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.



4294920447



4279102464



4278241023

# Square

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



4279102464



4278253055



4294938623



4294934063

# Rectangle

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



4279102464



4278253790



4294938623



4294913724

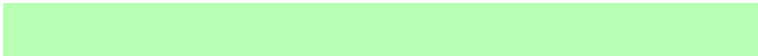


# Sweetspot

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



4279102464



4290248627



4293712896



4283727954



4278190080



4286611584



# Same Dimension

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



4279102464



4279172864



4278250598



4285166954



4278891776



4278400512



# Inverse Universe

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



4292804844



4293984511



4293656710



4285885045



4289396917

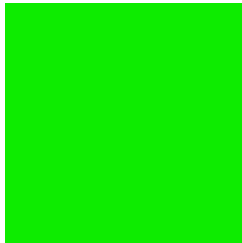


4281532470



# Previews

## White Background



This preview shows how the Android color 4279102464 looks on a white background.

## Color Contrast Check

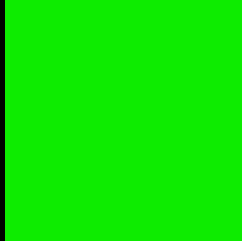
Large Text (above 18pt) WCAG AA × Fail

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 4279102464 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

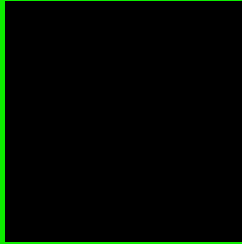
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4279102464 Background



This preview shows how black text looks on a background with the Android color 4279102464.



This preview shows how white text looks on a background with the Android color 4279102464.

# 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**  
4279102464

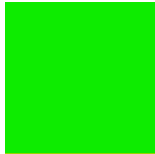
**Protanopia**  
4293118464

**Deuteranopia**  
4294819635



**Tritanopia**  
4284799981

# Trichromacy



**Original Color**

4279102464



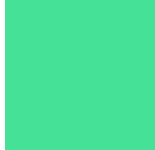
**Protanomaly**

4288009728



**Deuteranomaly**

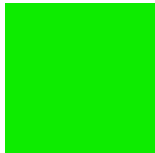
4289122080



**Tritanomaly**

4282704279

# Monochromacy



**Original Color**

4279102464



**Achromatopsia**

4287532686



**Achromatomaly**

4284461146

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279102464 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(13, 236, 0)` looks like.

```
.text, #text, p{  
    color:rgb(13, 236, 0)  
}
```

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(13, 236, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 236, 0) }
```

## Border

The CSS property to change the border of an element to Android 4279102464 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(13, 236, 0) }
```

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

```
.border{ border-color:rgb(13, 236, 0) }
```

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

Here you see how a box with a 4 pixel rgb(13, 236, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 236, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 236, 0);  
box-shadow:4px 4px 4px 4px rgb(13, 236, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279102464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 236, 0) }
```

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

```
.background{ background-color: rgb(13, 236,  
0) }
```

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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