

# Converting Colors

Android(4279814730)

Have a look what the booklet for  
Android(4279814730) contains.

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**Color**

**Android(4279814730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18CA4A
RGB	24, 202, 74
RGB Percent	9%, 79%, 29%
CMY	0.9059, 0.2078, 0.7098
CMYK	0.88, 0.00, 0.63, 0.21
HSL	137°, 79%, 44%
HSV	137°, 88%, 79%
XYZ	22.7332, 42.9297, 13.5667
YIQ	134.1860, -65.0000, -77.5440

# Conversions

## Conversions Part 2

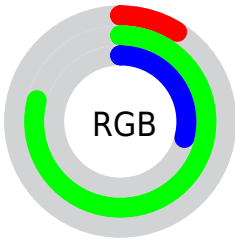
Format	Color
<a href="#">RYB</a>	<a href="#">24, 163, 202</a>
Decimal	<a href="#">1624650</a>
CIELab	<a href="#">71.51, -66.82, 50.98</a>
CIELCh	<a href="#">72, 84.046, 142.656</a>
Yxy	<a href="#">42.9297, 0.2869, 0.5418</a>
Android (android.graphics.Color)	<a href="#">4279814730 (0xFF18CA4A)</a>
YUV	<a href="#">134.1860, -29.6717, -96.6331</a>
Hunter-Lab	<a href="#">65.5207, -52.7284, 33.5880</a>

# Details

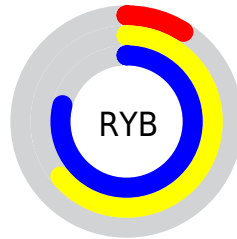
The Android color `4279814730` is a dark color, and the websafe version is hex `33CC33`. The color can be described as dark washed green. A complement of this color would be `4291434648`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285333375`, and `4278227471` is the 20% darker color. If you saturate the color by 10%, you get `4278503995`, and if you desaturate by 10%, it is `4281125465`.

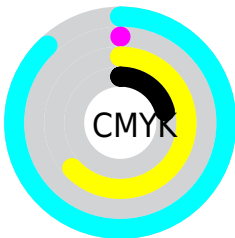
# Distribution



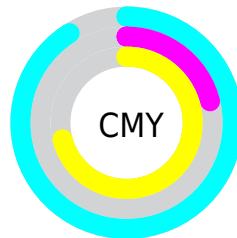
- Red (9%)
- Green (79%)
- Blue (29%)



- Red (9%)
- Yellow (64%)
- Blue (79%)



- Cyan (88%)
- Magenta (0%)
- Yellow (63%)
- Black (21%)



- Cyan (91%)
- Magenta (21%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279814730 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 4279814730 by changing the saturation by 10% instead.



 4279814730

 4279814730

4294967295

 4278234671

 4285333375

 4278227471

 4287365018

 4278220544

 4289396662

 4278213888

 4291428307

 4278207488

 4293459952

 4278201344

 4278192640

 4278190080

 4279814730

 4279814730

■ 4278503995

■ 4281125465

■ 4278241849

■ 4282436199

■ 4283812470

■ 4285123204

■ 4286433939

■ 4287744673

■ 4289055408

■ 4290431678

■ 4291742413

# Harmonies

## Analogous

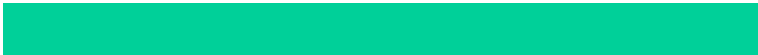
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288330752



4279814730



4278243481

# Triad

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



4279814730



4278238975



4294926969

# Complementary

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



4279814730



4291434648

# 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.



4294925765



4279814730



4286751743

# Square

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



4279814730



4278242815



4294475519



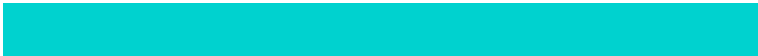
4294935601

# Rectangle

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



4279814730



4278244047



4294475519



4294925202

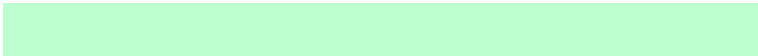


# Sweetspot

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



4279814730



4290641871



4288399896



4283990115



4278190080



4286611584



# Same Dimension

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



4279814730



4278255432



4279814816



4284245599



4278232623



4278199819



# Inverse Universe

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



4291434648



4294901943



4291434562



4284898403



4289069175

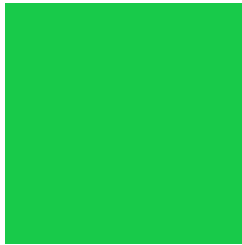


4280680476



# Previews

## White Background



This preview shows how the Android color 4279814730 looks on a white background.

## Color Contrast Check

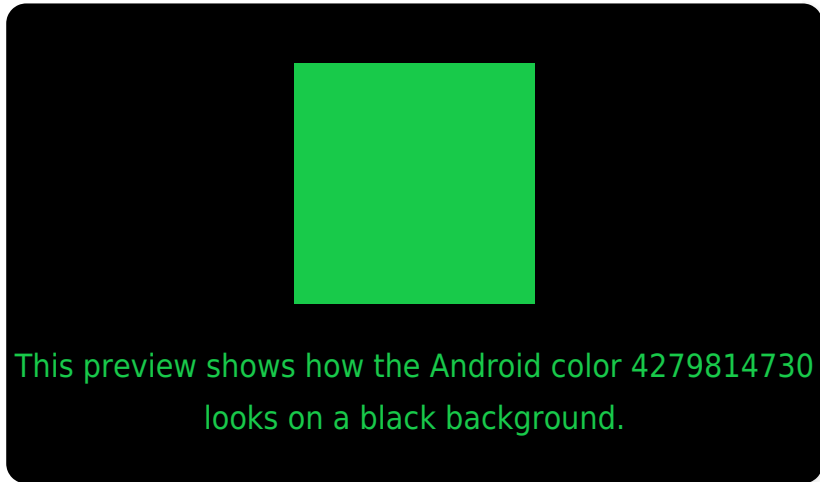
Large Text (above 18pt) WCAG AA × Fail

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 4279814730 Background



This preview shows how black text looks on a background with the Android color 4279814730.



This preview shows how white text looks on a background with the Android color 4279814730.

# 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**  
4279814730

**Protanopia**  
4290948674

**Deuteranopia**  
4292257109



# Trichromacy



**Original Color**  
4279814730



**Protanomaly**  
4286888005



**Deuteranomaly**  
4287738449



**Tritanomaly**  
4282303133

# Monochromacy



**Original Color**  
4279814730



**Achromatopsia**  
4287006342



**Achromatomaly**  
4284391280

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279814730 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, 202, 74)` looks like.

```
.text, #text, p{  
    color:rgb(24, 202, 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(24, 202, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 202, 74) }
```

## Border

The CSS property to change the border of an element to Android 4279814730 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, 202, 74) }
```

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

```
.border{ border-color:rgb(24, 202, 74) }
```

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

Here you see how a box with a 4 pixel rgb(24, 202, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 202, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 202, 74);  
box-shadow:4px 4px 4px 4px rgb(24, 202,  
74) }
```

# Background

The CSS property to change the background color of an element to Android 4279814730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 202, 74) }
```

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

```
.background{ background-color: rgb(24, 202,  
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](#).



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