

# Converting Colors

Android(4279427470)

Have a look what the booklet for  
Android(4279427470) contains.

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# **Color**

**Android(4279427470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12E18E
RGB	18, 225, 142
RGB Percent	7%, 88%, 56%
CMY	0.9294, 0.1176, 0.4431
CMYK	0.92, 0.00, 0.37, 0.12
HSL	156°, 85%, 48%
HSV	156°, 92%, 88%
XYZ	32.0572, 55.9320, 34.6976
YIQ	153.6450, -96.7290, -69.6970

# Conversions

## Conversions Part 2

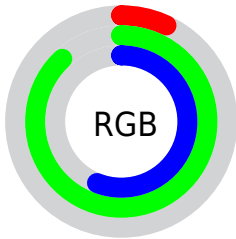
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 147, 225
Decimal	1237390
CIE Lab	79.58, -63.92, 28.18
CIE LCh	80, 69.854, 156.211
Yxy	55.9320, 0.2613, 0.4559
Android (android.graphics.Color)	4279427470 (0xFF12E18E)
YUV	153.6450, -5.7410, -118.9607
Hunter-Lab	74.7877, -54.3659, 24.8440

# Details

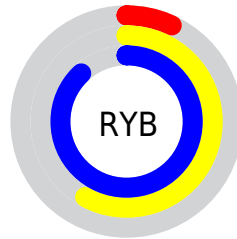
The Android color `4279427470` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292940389`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4285530052`, and `4278233179` is the 20% darker color. If you saturate the color by 10%, you get `4278247815`, and if you desaturate by 10%, it is `4280934807`.

# Distribution



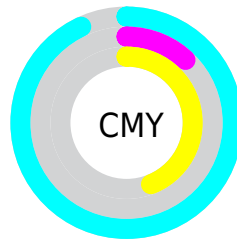
- Red (7%)
- Green (88%)
- Blue (56%)



- Red (7%)
- Yellow (58%)
- Blue (88%)



- Cyan (92%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (93%)
- Magenta (12%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279427470 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 4279427470 by changing the saturation by 10% instead.



 4279427470

 4279427470

4294967295

 4278240372

 4285530052

 4278233179

 4287627232

 4278226243

 4289724413

 4278219307

 4291821567

 4278212628

 4293853183

 4278206208

 4278200064

 4278190080

 4279427470

 4279427470

 4278247815

 4280934807

 4282376608


 4283883945

 4285325746

 4286833083

 4288274884

 4289782221

 4291224022

 4292665823

# Harmonies

## Analogous

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



4288141141



4279427470



4278248913

# Triad

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



4279427470



4283681023



4294940284

# Complementary

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



4279427470



4292940389

# 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.



4294937018



4279427470



4292521727

# Square

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



4279427470



4278246143



4294939899



4294946635

# Rectangle

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



4279427470



4278248701



4294939899



4294938512

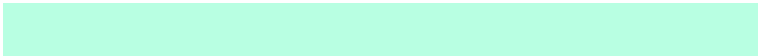


# Sweetspot

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



4279427470



4290314210



4285063442



4283727982



4278190080



4286611584



# Same Dimension

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



4279427470



4278255513



4279423201



4284837996



4278235241



4278202397



# Inverse Universe

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



4292940389



4294901862



4292944658



4285556073



4289724487



4281335827



# Previews

## White Background



This preview shows how the Android color 4279427470 looks on a white background.

## Color Contrast Check

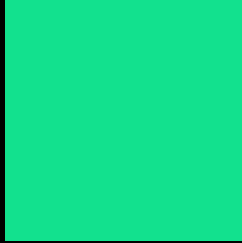
Large Text (above 18pt) WCAG AA × Fail

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 4279427470 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 4279427470 Background



This preview shows how black text looks on a background with the Android color 4279427470.

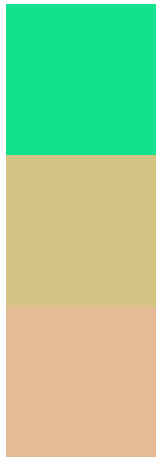


This preview shows how white text looks on a background with the Android color 4279427470.

# 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**  
4279427470

**Protanopia**  
4292133762

**Deuteranopia**  
4293245847



# Trichromacy



**Original Color**

4279427470



**Protanomaly**

4287483526



**Deuteranomaly**

4288203156



**Tritanomaly**

4282047175

# Monochromacy



**Original Color**

4279427470



**Achromatopsia**

4288322202



**Achromatomaly**

4285117590

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279427470 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(18, 225, 142)` looks like.

```
.text, #text, p{  
    color:rgb(18, 225, 142)  
}
```

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(18, 225, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 225, 142) }
```

## Border

The CSS property to change the border of an element to Android 4279427470 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(18, 225, 142) }
```

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

```
.border{ border-color:rgb(18, 225, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 225, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 225, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 225, 142);  
box-shadow:4px 4px 4px 4px rgb(18, 225,  
142) }
```

# Background

The CSS property to change the background color of an element to Android 4279427470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 225, 142) }
```

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

```
.background{ background-color: rgb(18, 225,  
142) }
```

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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