

# Converting Colors

Android(4280344382)

Have a look what the booklet for  
Android(4280344382) contains.

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# **Color**

**Android(4280344382)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20DF3E
RGB	32, 223, 62
RGB Percent	13%, 87%, 24%
CMY	0.8745, 0.1255, 0.7569
CMYK	0.86, 0.00, 0.72, 0.13
HSL	129°, 75%, 50%
HSV	129°, 86%, 87%
XYZ	27.8528, 53.4302, 13.4025
YIQ	147.5370, -62.1550, -90.5630

# Conversions

## Conversions Part 2

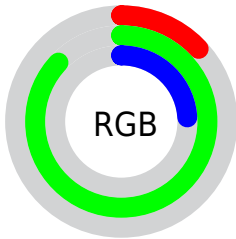
Format	Color
<b>RYB</b>	32, 197, 223
Decimal	2154302
CIELab	78.13, -73.62, 62.80
CIELCh	78, 96.765, 139.533
Yxy	53.4302, 0.2942, 0.5643
Android (android.graphics.Color)	4280344382 (0xFF20DF3E)
YUV	147.5370, -42.1697, -101.3259
Hunter-Lab	73.0960, -59.9015, 40.2961

# Details

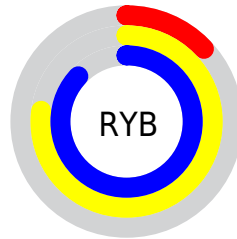
The Android color `4280344382` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4292812993`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4285923190`, and `4278232576` is the 20% darker color. If you saturate the color by 10%, you get `4278902571`, and if you desaturate by 10%, it is `4281786193`.

# Distribution



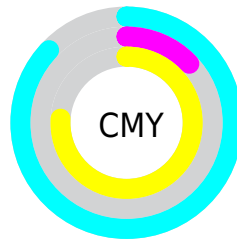
- Red (13%)
- Green (87%)
- Blue (24%)



- Red (13%)
- Yellow (77%)
- Blue (87%)



- Cyan (86%)
- Magenta (0%)
- Yellow (72%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280344382 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 4280344382 by changing the saturation by 10% instead.





4280344382



4280344382

4294967295



4278239773



4285923190



4278232576



4288020370



4278225408



4290117551



4278218752



4292214731



4278211840



4294246377



4278205696



4278199040



4278190080



4280344382



4280344382

■ 4278902571

■ 4281786193

■ 4278247203

■ 4283293540

■ 4284735350

■ 4286177161

■ 4287684508

■ 4289126319

■ 4290568130

■ 4292009940

■ 4293517287

# Harmonies

## Analogous

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



4289777408



4280344382



4278249374

# Triad

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



4280344382



4278244863



4294925707

# Complementary

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



4280344382



4292812993

# 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.



4294925797



4280344382



4285183999

# Square

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



4280344382



4278248703



4294937343



4294936884

# Rectangle

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



4280344382



4278249948



4294937343



4294923945

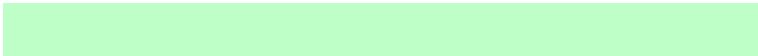


# Sweetspot

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



4280344382



4290641863



4290961184



4283990110



4278190080



4286611584



# Same Dimension

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



4280344382



4278255400



4280344476



4284837991



4278235164



4278202376



# Inverse Universe

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



4292812993



4294901975



4292812899



4285556078



4289724564

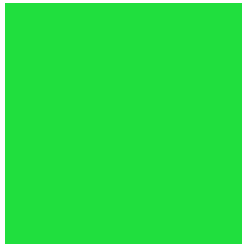


4281335849



# Previews

## White Background



This preview shows how the Android color 4280344382 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 4280344382 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 4280344382 Background



This preview shows how black text looks on a background with the Android color 4280344382.

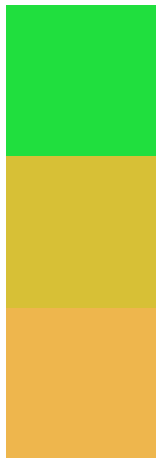


This preview shows how white text looks on a background with the Android color 4280344382.

# 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](#).

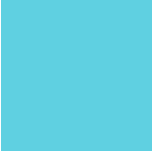
## Dichromacy



**Original Color**  
4280344382

**Protanopia**  
4292329526

**Deuteranopia**  
4293834317



**Tritanopia**  
4284469473

# Trichromacy



**Original Color**

4280344382



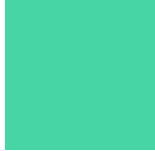
**Protanomaly**

4287941433



**Deuteranomaly**

4288922952



**Tritanomaly**

4282963366

# Monochromacy



**Original Color**

4280344382



**Achromatopsia**

4287927444



**Achromatomaly**

4285181813

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280344382 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(32, 223, 62)` looks like.

```
.text, #text, p{  
    color:rgb(32, 223, 62)  
}
```

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(32, 223, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 223, 62) }
```

## Border

The CSS property to change the border of an element to Android 4280344382 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(32, 223, 62) }
```

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

```
.border{ border-color:rgb(32, 223, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 223, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 223, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 223, 62);  
box-shadow:4px 4px 4px 4px rgb(32, 223,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4280344382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 223, 62) }
```

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

```
.background{ background-color: rgb(32, 223,  
62) }
```

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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