

# Converting Colors

Android(4281065808)

Have a look what the booklet for  
Android(4281065808) contains.

<b>Android(4281065808)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4281065808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BE150
RGB	43, 225, 80
RGB Percent	17%, 88%, 31%
CMY	0.8314, 0.1176, 0.6863
CMYK	0.81, 0.00, 0.64, 0.12
HSL	132°, 75%, 53%
HSV	132°, 81%, 88%
XYZ	29.3694, 54.9432, 16.6466
YIQ	154.0520, -61.9270, -83.6790

# Conversions

## Conversions Part 2

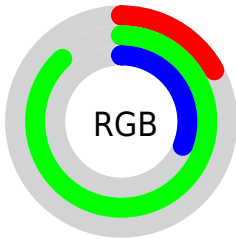
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 194, 225
Decimal	2875728
CIELab	79.01, -71.49, 56.86
CIELCh	79, 91.347, 141.500
Yxy	54.9432, 0.2909, 0.5442
Android (android.graphics.Color)	4281065808 (0xFF2BE150)
YUV	154.0520, -36.5076, -97.3926
Hunter-Lab	74.1237, -58.9908, 38.5713

# Details

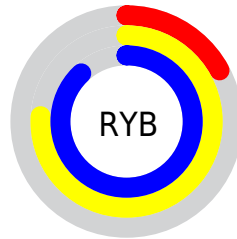
The Android color **4281065808** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **4292946876**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4286185351**, and **4278233107** is the 20% darker color. If you saturate the color by 10%, you get **4279623998**, and if you desaturate by 10%, it is **4282573154**.

# Distribution



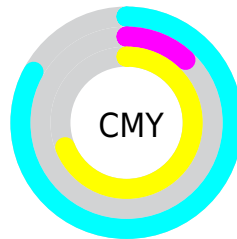
- Red (17%)
- Green (88%)
- Blue (31%)



- Red (17%)
- Yellow (76%)
- Blue (88%)



- Cyan (81%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)




- Cyan (83%)
- Magenta (12%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281065808 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 4281065808 by changing the saturation by 10% instead.



 4281065808

 4281065808

4294967295

 4278240308

 4286185351

 4278233107

 4288282530

 4278225920

 4290379710

 4278219264

 4292411355

 4278212352

 4294443000

 4278206208

 4278199552

 4278190080

 4281065808

 4281065808

 4279623998

 4282573154

 4278247726

 4284014964

 4285522310

 4286964120

 4288471466

 4289913276

 4291420621

 4292862431

 4294369777

# Harmonies

## Analogous

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



4289778176



4281065808



4278249640

# Triad

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



4281065808



4278244863



4294929803

# Complementary

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



4281065808



4292946876

# 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.



4294928864



4281065808



4287281407

# Square

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



4281065808



4278248959



4294938367



4294939195

# Rectangle

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



4281065808



4278250211



4294938367



4294928039

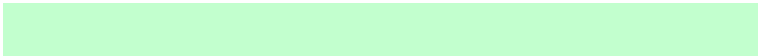


# Sweetspot

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



4281065808



4290969550



4290634027



4284186722



4278190080



4286611584



# Same Dimension

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



4281065808



4278779706



4281065898



4284837991



4278235172



4278202378



# Inverse Universe

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



4292946876



4294904013



4292946786



4285556078



4289724556

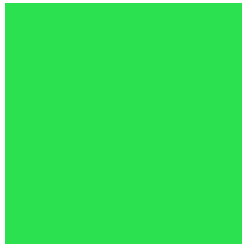


4281335847



# Previews

## White Background



This preview shows how the Android color 4281065808 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 4281065808 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 4281065808 Background



This preview shows how black text looks on a background with the Android color 4281065808.

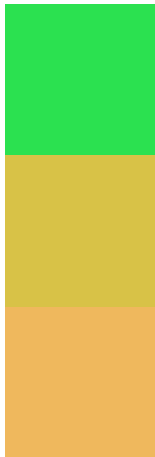


This preview shows how white text looks on a background with the Android color 4281065808.

# 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**  
4281065808

**Protanopia**  
4292395591

**Deuteranopia**  
4293900381



# Trichromacy



**Original Color**

4281065808



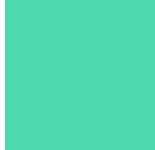
**Protanomaly**

4288269642



**Deuteranomaly**

4289251160



**Tritanomaly**

4283357358

# Monochromacy



**Original Color**

4281065808



**Achromatopsia**

4288322202



**Achromatomaly**

4285707391

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281065808 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(43, 225, 80)` looks like.

```
.text, #text, p{  
    color:rgb(43, 225, 80)  
}
```

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(43, 225, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 225, 80) }
```

## Border

The CSS property to change the border of an element to Android 4281065808 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(43, 225, 80) }
```

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

```
.border{ border-color:rgb(43, 225, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 225, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 225, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 225, 80);  
box-shadow:4px 4px 4px 4px rgb(43, 225,  
80) }
```

# Background

The CSS property to change the background color of an element to Android 4281065808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 225, 80) }
```

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

```
.background{ background-color: rgb(43, 225,  
80) }
```

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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