

# Converting Colors

Android(4280675080)

Have a look what the booklet for  
Android(4280675080) contains.

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**Color**

**Android(4280675080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25EB08
RGB	37, 235, 8
RGB Percent	15%, 92%, 3%
CMY	0.8549, 0.0784, 0.9686
CMYK	0.84, 0.00, 0.97, 0.08
HSL	112°, 93%, 48%
HSV	112°, 97%, 92%
XYZ	30.5151, 59.8275, 10.1693
YIQ	149.9200, -45.1410, -112.5730

# Conversions

## Conversions Part 2

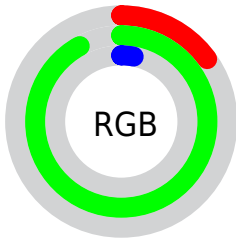
Format	Color
<a href="#">RYB</a>	<a href="#">8, 235, 206</a>
Decimal	<a href="#">2485000</a>
CIELab	<a href="#">81.74, -78.94, 77.78</a>
CIELCh	<a href="#">82, 110.824, 135.424</a>
Yxy	<a href="#">59.8275, 0.3036, 0.5952</a>
Android (android.graphics.Color)	<a href="#">4280675080 (0xFF25EB08)</a>
YUV	<a href="#">149.9200, -69.9666, -99.0308</a>
Hunter-Lab	<a href="#">77.3482, -64.9383, 46.3487</a>

# Details

The Android color `4280675080` 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 `4291692779`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4286316378`, and `4278235392` is the 20% darker color. If you saturate the color by 10%, you get `4280216320`, and if you desaturate by 10%, it is `4281985824`.

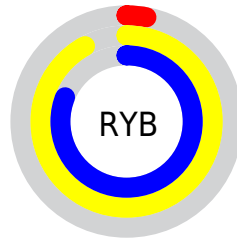
# Distribution



Red (15%)

Green (92%)

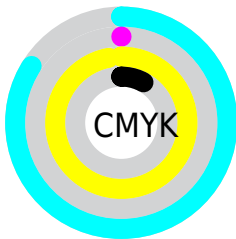
Blue (3%)



Red (3%)

Yellow (92%)

Blue (81%)

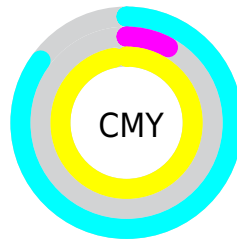


Cyan (84%)

Magenta (0%)

Yellow (97%)

Black (8%)



Cyan (85%)

Magenta (8%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280675080 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 4280675080 by changing the saturation by 10% instead.



 4280675080

 4280675080

4294967295

 4278242816

 4286316378

 4278235392

 4288544632

 4278228224

 4290641813

 4278221312

 4292738995

 4278214656

 4294836176

 4278208000

 4294967278

 4278201344

 4278193152

 4278190080

■ 4280675080

■ 4280675080

■ 4280216320

■ 4281985824

■ 4283362103

■ 4284672847

■ 4286049126

■ 4287359870

■ 4288736149

■ 4290046892

■ 4291423172

■ 4292733916

# Harmonies

## Analogous

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



4291024640



4280675080



4278252947

# Triad

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



4280675080



4278249215



4294918555

# Complementary

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



4280675080



4291692779

# 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.



4294921983



4280675080



4278241023

# Square

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



4280675080



4278253055



4294939135



4294934068

# Rectangle

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



4280675080



4278253532



4294939135



4294915773

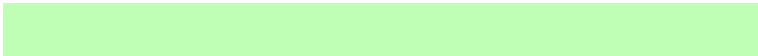


# Sweetspot

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



4280675080



4290707381



4293643528



4284055635



4278190080



4286611584



# Same Dimension

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



4280675080



4280418048



4278774619



4285232490



4279743744



4278662656



# Inverse Universe

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



4291692779



4292739327



4293593240



4285819509



4288544949

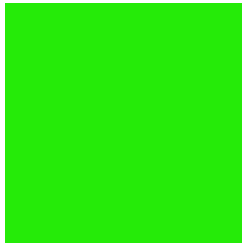


4281270326



# Previews

## White Background



This preview shows how the Android color 4280675080 looks on a white background.

## Color Contrast Check

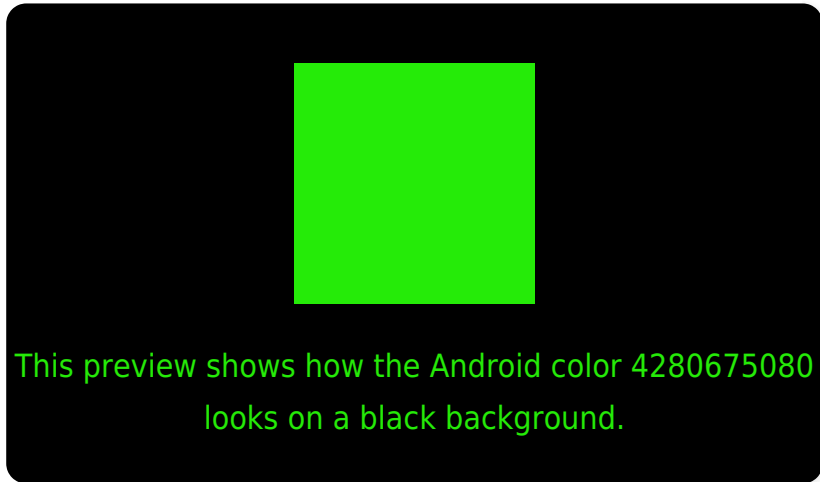
Large Text (above 18pt) WCAG AA × Fail

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

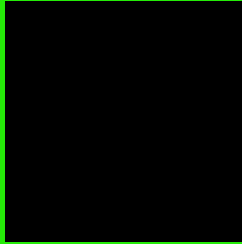
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280675080 Background



This preview shows how black text looks on a background with the Android color 4280675080.



This preview shows how white text looks on a background with the Android color 4280675080.

# 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



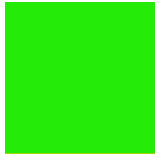
**Original Color**  
4280675080

**Protanopia**  
4293118464

**Deuteranopia**  
4294819635



# Trichromacy



**Original Color**  
4280675080



**Protanomaly**  
4288599555

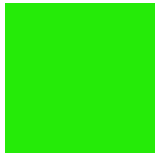


**Deuteranomaly**  
4289646371



**Tritanomaly**  
4283490457

# Monochromacy



**Original Color**  
4280675080



**Achromatopsia**  
4288059030



**Achromatomaly**  
4285379938

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280675080 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(37, 235, 8)` looks like.

```
.text, #text, p{  
    color:rgb(37, 235, 8)  
}
```

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(37, 235, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 235, 8) }
```

## Border

The CSS property to change the border of an element to Android 4280675080 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(37, 235, 8) }
```

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

```
.border{ border-color:rgb(37, 235, 8) }
```

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

Here you see how a box with a 4 pixel rgb(37, 235, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 235, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 235, 8);  
box-shadow:4px 4px 4px 4px rgb(37, 235, 8)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280675080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 235, 8) }
```

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

```
.background{ background-color: rgb(37, 235,  
8) }
```

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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