

# Converting Colors

Android(4281985834)

Have a look what the booklet for  
Android(4281985834) contains.

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# **Color**

**Android(4281985834)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39EB2A
RGB	57, 235, 42
RGB Percent	22%, 92%, 16%
CMY	0.7765, 0.0784, 0.8353
CMYK	0.76, 0.00, 0.82, 0.08
HSL	115°, 83%, 54%
HSV	115°, 82%, 92%
XYZ	31.8136, 60.4537, 12.1825
YIQ	159.7760, -44.1350, -97.7590

# Conversions

## Conversions Part 2

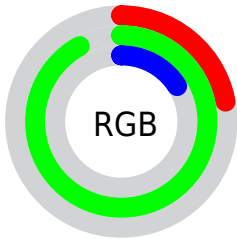
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 235, 220
Decimal	3795754
CIE <sub>Lab</sub>	82.08, -75.62, 72.74
CIE <sub>LCh</sub>	82, 104.923, 136.112
Yxy	60.4537, 0.3046, 0.5788
Android (android.graphics.Color)	4281985834 (0xFF39EB2A)
YUV	159.7760, -58.0636, -90.1346
Hunter-Lab	77.7520, -63.0295, 45.1366

# Details

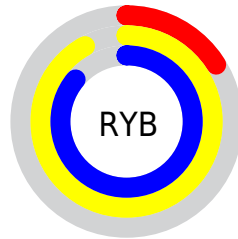
The Android color `4281985834` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed green. A complement of this color would be `4292618987`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4286906217`, and `4278235648` is the 20% darker color. If you saturate the color by 10%, you get `4280544018`, and if you desaturate by 10%, it is `4283427649`.

# Distribution



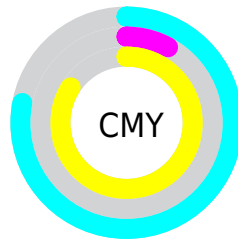
- Red (22%)
- Green (92%)
- Blue (16%)



- Red (16%)
- Yellow (92%)
- Blue (86%)



- Cyan (76%)
- Magenta (0%)
- Yellow (82%)
- Black (8%)



- Cyan (78%)
- Magenta (8%)
- Yellow (84%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281985834 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 4281985834 by changing the saturation by 10% instead.



 4281985834

 4281985834

4294967295


 4278242816

 4286906217

 4278235648

 4289068934

 4278228480

 4291166115

 4278221312

 4293197760

 4278214656

 4294967261


 4278208000


 4294967291

 4278201600

 4278193664

 4278190080

 4281985834

 4281985834

 4280544018

 4283427649

 4279429888


 4284803929

 4286245744

 4287687560

 4289063839

 4290505655

 4291947470

 4293323750

 4294765565

# Harmonies

## Analogous

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



4291090432



4281985834



4278252697

# Triad

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



4281985834



4278248959



4294923932

# Complementary

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



4281985834



4292618987

# 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.



4294926078



4281985834



4279944959

# Square

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



4281985834



4278252799



4294940159



4294936380

# Rectangle

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



4281985834



4278253534



4294940159



4294922172

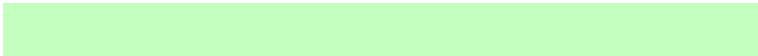


# Sweetspot

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



4281985834



4291100607



4293647146



4284252249



4278190080



4286611584



# Same Dimension

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



4281985834



4279697155



4281002874



4285166954



4279153920



4278466048



# Inverse Universe

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



4292618987



4293592063



4293601947



4285819509



4289134773

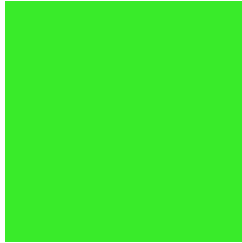


4281401398



# Previews

## White Background



This preview shows how the Android color 4281985834 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 4281985834 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 4281985834 Background



This preview shows how black text looks on a background with the Android color 4281985834.

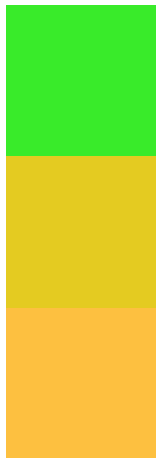


This preview shows how white text looks on a background with the Android color 4281985834.

# 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**  
4281985834

**Protanopia**  
4293184289

**Deuteranopia**  
4294819904



# Trichromacy



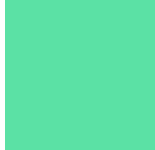
**Original Color**  
4281985834



**Protanomaly**  
4289124132

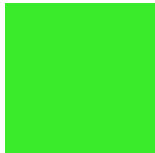


**Deuteranomaly**  
4290170936



**Tritanomaly**  
4284211621

# Monochromacy



**Original Color**  
4281985834



**Achromatopsia**  
4288716960



**Achromatomaly**  
4286298997

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281985834 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(57, 235, 42)` looks like.

```
.text, #text, p{  
    color:rgb(57, 235, 42)  
}
```

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(57, 235, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 235, 42) }
```

## Border

The CSS property to change the border of an element to Android 4281985834 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(57, 235, 42) }
```

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

```
.border{ border-color:rgb(57, 235, 42) }
```

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

Here you see how a box with a 4 pixel rgb(57, 235, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 235, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 235, 42);  
box-shadow:4px 4px 4px 4px rgb(57, 235,  
42) }
```

# Background

The CSS property to change the background color of an element to Android 4281985834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 235, 42) }
```

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

```
.background{ background-color: rgb(57, 235,  
42) }
```

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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