

# Converting Colors

Android(4281137203)

Have a look what the booklet for  
Android(4281137203) contains.

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# **Color**

**Android(4281137203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CF833
RGB	44, 248, 51
RGB Percent	17%, 97%, 20%
CMY	0.8275, 0.0275, 0.8000
CMYK	0.82, 0.00, 0.79, 0.03
HSL	122°, 94%, 57%
HSV	122°, 82%, 97%
XYZ	35.2036, 67.9093, 14.3844
YIQ	164.5460, -58.3470, -104.5150

# Conversions

## Conversions Part 2

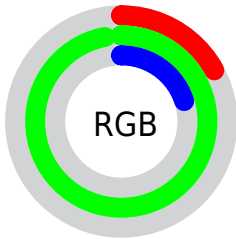
Format	Color
<a href="#">RYB</a>	<a href="#">44, 241, 248</a>
Decimal	<a href="#">2947123</a>
CIELab	<a href="#">85.96, -80.41, 73.93</a>
CIElCh	<a href="#">86, 109.235, 137.403</a>
Yxy	<a href="#">67.9093, 0.2996, 0.5780</a>
Android (android.graphics.Color)	<a href="#">4281137203 (0xFF2CF833)</a>
YUV	<a href="#">164.5460, -55.9782, -105.7188</a>
Hunter-Lab	<a href="#">82.4071, -67.9586, 47.3358</a>

# Details

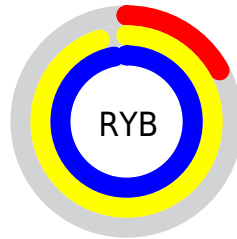
The Android color `4281137203` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4294454513`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4286644081`, and `4278238720` is the 20% darker color. If you saturate the color by 10%, you get `4279498779`, and if you desaturate by 10%, it is `4282775627`.

# Distribution



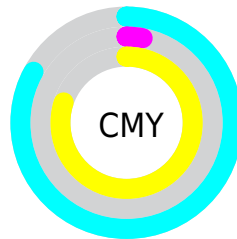
- Red (17%)
- Green (97%)
- Blue (20%)



- Red (17%)
- Yellow (95%)
- Blue (97%)



- Cyan (82%)
- Magenta (0%)
- Yellow (79%)
- Black (3%)




- Cyan (83%)
- Magenta (3%)
- Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281137203 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 4281137203 by changing the saturation by 10% instead.



 4281137203

 4281137203

4294967295

 4278246144

 4286644081

 4278238720

 4288872334

 4278231552

 4291035051

 4278224384

 4293132232

 4278217472


 4294967270


 4278210816

 4278204416

 4278197504

 4278190080

 4281137203

 4281137203

 4279498779

 4282775627

 4278253577

 4284414051

 4285986939

 4287625363

 4289263787

 4290902211

 4292540635

 4294113523

 4294965503

# Harmonies

## Analogous

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



4291486976



4281137203



4278255526

# Triad

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



4281137203



4278251775



4294925472

# Complementary

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



4281137203



4294454513

# 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.



4294926847



4281137203



4282765311

# Square

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



4281137203



4278255615



4294941695



4294938939

# Rectangle

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



4281137203



4278255599



4294941695



4294923202

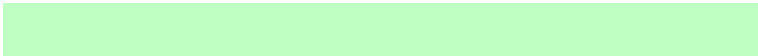


# Sweetspot

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



4281137203



4290772929



4294047788



4284055643



4278190080



4286611584



# Same Dimension

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



4281137203



4278451979



4281137305



4285562225



4278238470



4278205698



# Inverse Universe

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



4294454513



4294902774



4294454411



4286410877



4290576566

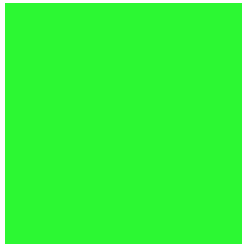


4282187835



# Previews

## White Background



This preview shows how the Android color 4281137203 looks on a white background.

## Color Contrast Check

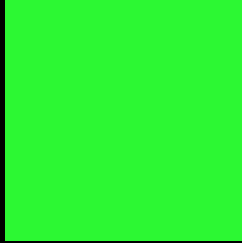
Large Text (above 18pt) WCAG AA × Fail

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 4281137203 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 4281137203 Background



This preview shows how black text looks on a background with the Android color 4281137203.

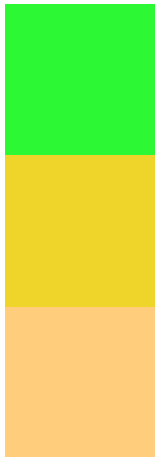


This preview shows how white text looks on a background with the Android color 4281137203.

# 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



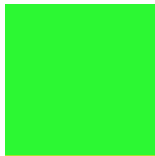
**Original Color**  
4281137203

**Protanopia**  
4293907754

**Deuteranopia**  
4294954363



# Trichromacy



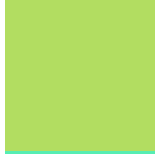
**Original Color**

4281137203



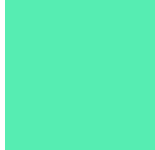
**Protanomaly**

4289258029



**Deuteranomaly**

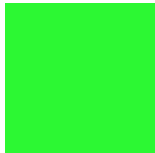
4289912161



**Tritanomaly**

4283887026

# Monochromacy



**Original Color**

4281137203



**Achromatopsia**

4289045925



**Achromatomaly**

4286169980

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281137203 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(44, 248, 51)` looks like.

```
.text, #text, p{  
    color:rgb(44, 248, 51)  
}
```

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(44, 248, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 248, 51) }
```

## Border

The CSS property to change the border of an element to Android 4281137203 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(44, 248, 51) }
```

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

```
.border{ border-color:rgb(44, 248, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 248, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 248, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 248, 51);  
box-shadow:4px 4px 4px 4px rgb(44, 248,  
51) }
```

# Background

The CSS property to change the background color of an element to Android 4281137203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 248, 51) }
```

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

```
.background{ background-color: rgb(44, 248,  
51) }
```

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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