

# Converting Colors

Android(4281203030)

Have a look what the booklet for  
Android(4281203030) contains.

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# **Color**

**Android(4281203030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DF956
RGB	45, 249, 86
RGB Percent	18%, 98%, 34%
CMY	0.8235, 0.0235, 0.6627
CMYK	0.82, 0.00, 0.65, 0.02
HSL	132°, 94%, 58%
HSV	132°, 82%, 98%
XYZ	36.6376, 68.9811, 20.1878
YIQ	169.4220, -69.2610, -93.9410

# Conversions

## Conversions Part 2

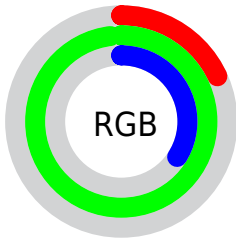
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 215, 249
Decimal	3012950
CIE Lab	86.49, -77.90, 62.67
CIE LCh	86, 99.981, 141.183
Yxy	68.9811, 0.2912, 0.5483
Android (android.graphics.Color)	4281203030 (0xFF2DF956)
YUV	169.4220, -41.1270, -109.1181
Hunter-Lab	83.0549, -66.6052, 43.7271

# Details

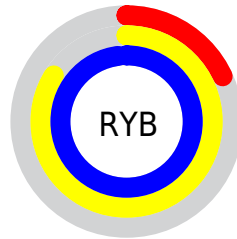
The Android color `4281203030` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed green. A complement of this color would be `4294520272`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4286644110`, and `4278238998` is the 20% darker color. If you saturate the color by 10%, you get `4279564610`, and if you desaturate by 10%, it is `4282841450`.

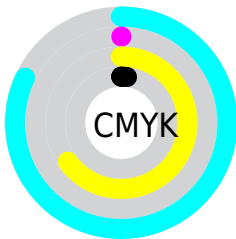
# Distribution



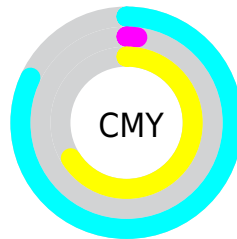
- Red (18%)
- Green (98%)
- Blue (34%)



- Red (18%)
- Yellow (84%)
- Blue (98%)



- Cyan (82%)
- Magenta (0%)
- Yellow (65%)
- Black (2%)




- Cyan (82%)
- Magenta (2%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281203030 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 4281203030 by changing the saturation by 10% instead.



 4281203030

 4281203030

4294967295

 4278246457

 4286644110

 4278238998

 4288806826

 4278231808

 4290904007

 4278224640

 4293001188

 4278217728

 4278211072

 4278204672

 4278198016

 4278190080

■ 4281203030

■ 4281203030

■ 4279564610

■ 4282841450

■ 4278253874

■ 4284479870

■ 4286118290

■ 4287756710

■ 4289395129

■ 4290968013

■ 4292606433

■ 4294244853

■ 4294965759

# Harmonies

## Analogous

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



4291028992



4281203030



4278255544

# Triad

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



4281203030



4278250751



4294932122

# Complementary

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



4281203030



4294520272

# 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.



4294931449



4281203030



4287941887

# Square

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



4281203030



4278255103



4294942207



4294942785

# Rectangle

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



4281203030



4278255611



4294942207



4294930105

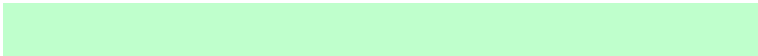


# Sweetspot

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



4281203030



4290772940



4291885357



4284055649



4278190080



4286611584



# Same Dimension

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



4281203030



4278583095



4281203132



4285562227



4278238502



4278205708



# Inverse Universe

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



4294520272



4294903245



4294520170



4286410874



4290576535

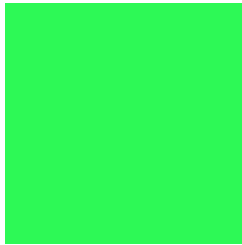


4282187825



# Previews

## White Background



This preview shows how the Android color 4281203030 looks on a white background.

## Color Contrast Check

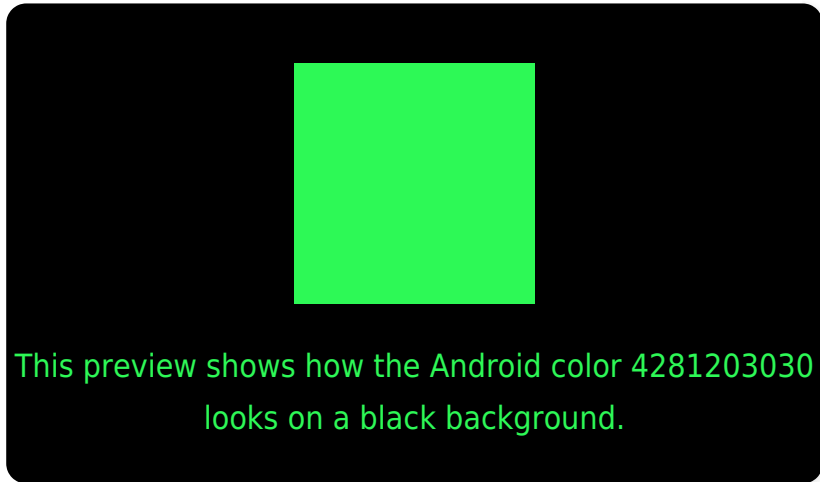
Large Text (above 18pt) WCAG AA × Fail

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 4281203030 Background



This preview shows how black text looks on a background with the Android color 4281203030.

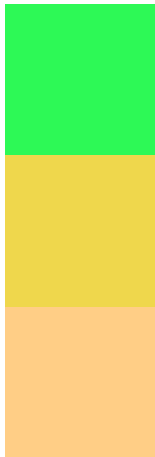


This preview shows how white text looks on a background with the Android color 4281203030.

# 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**  
4281203030

**Protanopia**  
4293908300

**Deuteranopia**  
4294954630



# Trichromacy



**Original Color**

4281203030



**Protanomaly**

4289258320



**Deuteranomaly**

4289977973



**Tritanomaly**

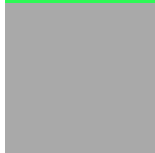
4283822016

# Monochromacy



**Original Color**

4281203030



**Achromatopsia**

4289309097



**Achromatomaly**

4286367371

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281203030 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(45, 249, 86)` looks like.

```
.text, #text, p{  
    color:rgb(45, 249, 86)  
}
```

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(45, 249, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 249, 86) }
```

## Border

The CSS property to change the border of an element to Android 4281203030 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(45, 249, 86) }
```

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

```
.border{ border-color:rgb(45, 249, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 249, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 249, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 249, 86);  
box-shadow:4px 4px 4px 4px rgb(45, 249,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4281203030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 249, 86) }
```

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

```
.background{ background-color: rgb(45, 249,  
86) }
```

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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