

# Converting Colors

Android(4281330505)

Have a look what the booklet for  
Android(4281330505) contains.

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# **Color**

**Android(4281330505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FEB49
RGB	47, 235, 73
RGB Percent	18%, 92%, 29%
CMY	0.8157, 0.0784, 0.7137
CMYK	0.80, 0.00, 0.69, 0.08
HSL	128°, 82%, 55%
HSV	128°, 80%, 92%
XYZ	32.0832, 60.5020, 16.2904
YIQ	160.3200, -60.0460, -90.2380

# Conversions

## Conversions Part 2

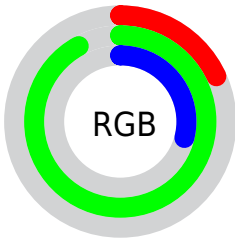
Format	Color
<a href="#">RYB</a>	<a href="#">47, 212, 235</a>
Decimal	<a href="#">3140425</a>
CIELab	<a href="#">82.11, -74.75, 62.98</a>
CIELCh	<a href="#">82, 97.747, 139.885</a>
Yxy	<a href="#">60.5020, 0.2947, 0.5557</a>
Android (android.graphics.Color)	<a href="#">4281330505 (0xFF2FEB49)</a>
YUV	<a href="#">160.3200, -43.0488, -99.3816</a>
Hunter-Lab	<a href="#">77.7831, -62.4944, 42.0308</a>

# Details

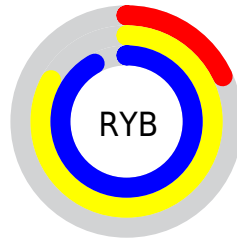
The Android color `4281330505` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed green. A complement of this color would be `4293603281`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4286513025`, and `4278235392` is the 20% darker color. If you saturate the color by 10%, you get `4279757621`, and if you desaturate by 10%, it is `4282903389`.

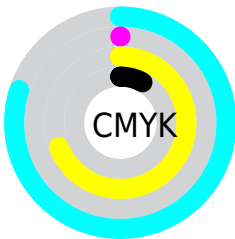
# Distribution



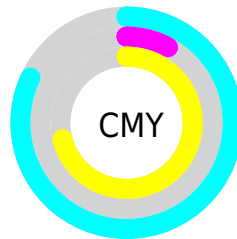
- Red (18%)
- Green (92%)
- Blue (29%)



- Red (18%)
- Yellow (83%)
- Blue (92%)



- Cyan (80%)
- Magenta (0%)
- Yellow (69%)
- Black (8%)



- Cyan (82%)
- Magenta (8%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281330505 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 4281330505 by changing the saturation by 10% instead.



 4281330505

 4281330505

4294967295

 4278242859

 4286513025

 4278235392

 4288610205

 4278228480

 4290707386

 4278221312

 4292804566

 4278214656

 4294836212


 4278208000

 4278201600

 4278193664

 4278190080

 4281330505

 4281330505

 4279757621

 4282903389

 4278250272

 4284410737

 4285983622

 4287490970

 4288998318

 4290571202

 4292078551

 4293651435

 4294962175

# Harmonies

## Analogous

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



4290501120



4281330505



4278252457

# Triad

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



4281330505



4278247679



4294929044

# Complementary

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



4281330505



4293603281

# 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.



4294928879



4281330505



4286366207

# Square

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



4281330505



4278251775



4294939903



4294939709

# Rectangle

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



4281330505



4278253033



4294939903



4294927282

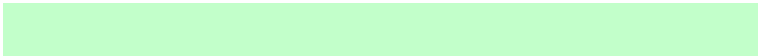


# Sweetspot

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



4281330505



4290969546



4292012847



4284186720



4278190080



4286611584



# Same Dimension

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



4281330505



4278910764



4281330598



4285166955



4278236441



4278203911



# Inverse Universe

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



4293603281



4294904541



4293603188



4285885044



4290052252

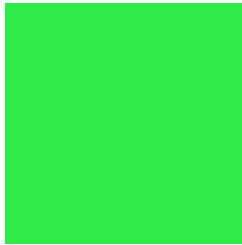


4281729070



# Previews

## White Background



This preview shows how the Android color 4281330505 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 4281330505 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 4281330505 Background



This preview shows how black text looks on a background with the Android color 4281330505.



This preview shows how white text looks on a background with the Android color 4281330505.

# 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





# Trichromacy



**Original Color**

4281330505



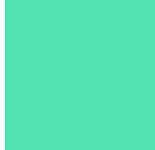
**Protanomaly**

4288796483



**Deuteranomaly**

4289843283



**Tritanomaly**

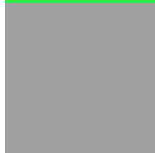
4283687345

# Monochromacy



**Original Color**

4281330505



**Achromatopsia**

4288716960



**Achromatomaly**

4286036864

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281330505 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(47, 235, 73)` looks like.

```
.text, #text, p{  
    color:rgb(47, 235, 73)  
}
```

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(47, 235, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 235, 73) }
```

## Border

The CSS property to change the border of an element to Android 4281330505 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(47, 235, 73) }
```

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

```
.border{ border-color:rgb(47, 235, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 235, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 235, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 235, 73);  
box-shadow:4px 4px 4px 4px rgb(47, 235,  
73) }
```

# Background

The CSS property to change the background color of an element to Android 4281330505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 235, 73) }
```

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

```
.background{ background-color: rgb(47, 235,  
73) }
```

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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