

# Converting Colors

Android(4281386247)

Have a look what the booklet for  
Android(4281386247) contains.

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**Color**

**Android(4281386247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30C507
RGB	48, 197, 7
RGB Percent	19%, 77%, 3%
CMY	0.8118, 0.2275, 0.9725
CMYK	0.76, 0.00, 0.96, 0.23
HSL	107°, 93%, 40%
HSV	107°, 96%, 77%
XYZ	21.2235, 40.5762, 6.9144
YIQ	130.7890, -27.8140, -90.6780

# Conversions

## Conversions Part 2

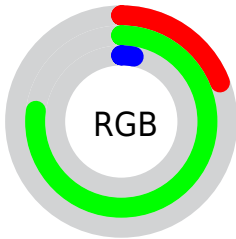
Format	Color
<b>RYB</b>	7, 197, 156
Decimal	3196167
CIELab	69.88, -66.82, 68.27
CIELCh	70, 95.533, 134.385
Yxy	40.5762, 0.3089, 0.5905
Android (android.graphics.Color)	4281386247 (0xFF30C507)
YUV	130.7890, -61.0280, -72.6060
Hunter-Lab	63.6995, -52.0011, 38.1539

# Details

The Android color `4281386247` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4288415685`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4286119762`, and `4278226432` is the 20% darker color. If you saturate the color by 10%, you get `4281058560`, and if you desaturate by 10%, it is `4282369307`.

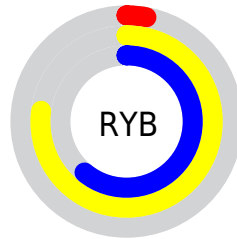
# Distribution



Red (19%)

Green (77%)

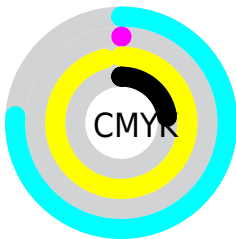
Blue (3%)



Red (3%)

Yellow (77%)

Blue (61%)

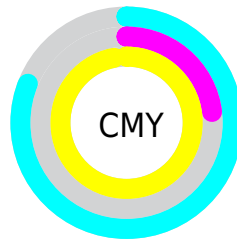


Cyan (76%)

Magenta (0%)

Yellow (96%)

Black (23%)



Cyan (81%)

Magenta (23%)


Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281386247 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 4281386247 by changing the saturation by 10% instead.



 4281386247

 4281386247

4294967295

 4278233344

 4286119762

 4278226432

 4288151407

 4278219520

 4290183051

 4278212864

 4292149160


 4278206464

 4294180804


 4278200320

 4294967266

 4278190080

 4281386247

 4281386247

 4281058560

 4282369307

 4283417902

 4284400962

 4285449558

 4286432618

 4287481213

 4288464273

 4289512869

 4290495928

# Harmonies

## Analogous

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



4289246208



4281386247



4278242681

# Triad

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



4281386247



4278239999



4294916741

# Complementary

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



4281386247



4288415685

# 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.



4294920156



4281386247



4278233343

# Square

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



4281386247



4278243071



4292902399



4294928944

# Rectangle

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



4281386247



4278243510



4292902399



4294915234

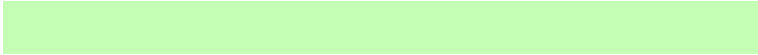


# Sweetspot

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



4281386247



4291166133



4291140615



4284317779



4278190080



4286611584



# Same Dimension

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



4281386247



4281859840



4278699325



4284244826



4280525568



4278723584



# Inverse Universe

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



4288415685



4291297535



4291102607



4284570211



4286578851

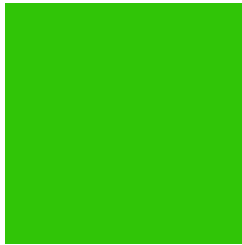


4280025124



# Previews

## White Background



This preview shows how the Android color 4281386247 looks on a white background.

## Color Contrast Check

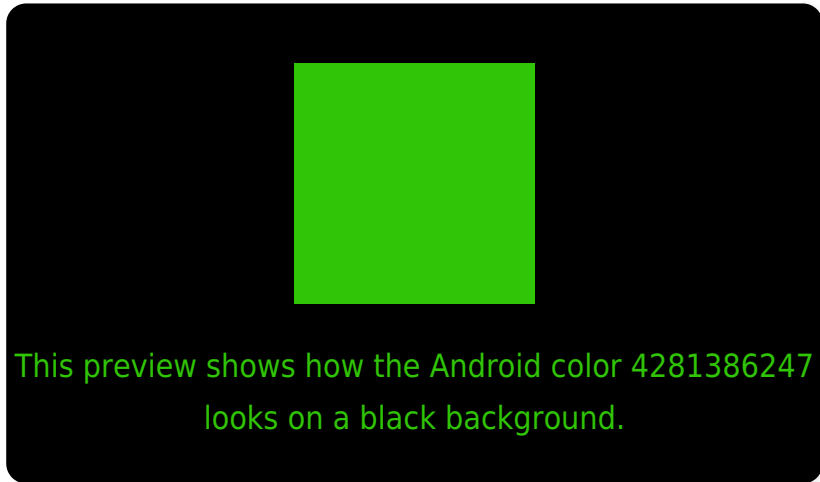
Large Text (above 18pt) WCAG AA × Fail

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

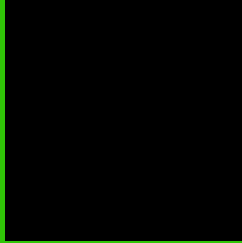
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4281386247 Background



This preview shows how black text looks on a background with the Android color 4281386247.



This preview shows how white text looks on a background with the Android color 4281386247.

# 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**  
4281386247

**Protanopia**  
4290750976

**Deuteranopia**  
4292190507



# Trichromacy



**Original Color**

4281386247



**Protanomaly**

4287345667



**Deuteranomaly**

4288261662



**Tritanomaly**

4283284609

# Monochromacy



**Original Color**

4281386247



**Achromatopsia**

4286808963



**Achromatomaly**

4284848982

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281386247 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(48, 197, 7)` looks like.

```
.text, #text, p{  
    color:rgb(48, 197, 7)  
}
```

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(48, 197, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 197, 7) }
```

## Border

The CSS property to change the border of an element to Android 4281386247 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(48, 197, 7) }
```

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

```
.border{ border-color:rgb(48, 197, 7) }
```

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

Here you see how a box with a 4 pixel rgb(48, 197, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 197, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 197, 7);  
box-shadow:4px 4px 4px 4px rgb(48, 197, 7)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281386247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 197, 7) }
```

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

```
.background{ background-color: rgb(48, 197,  
7) }
```

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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