

# Converting Colors

Android(4281984362)

Have a look what the booklet for  
Android(4281984362) contains.

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# **Color**

**Android(4281984362)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39E56A
RGB	57, 229, 106
RGB Percent	22%, 90%, 42%
CMY	0.7765, 0.1020, 0.5843
CMYK	0.75, 0.00, 0.54, 0.10
HSL	137°, 77%, 56%
HSV	137°, 75%, 90%
XYZ	32.3082, 57.9491, 23.1181
YIQ	163.5500, -63.0290, -74.7170

# Conversions

## Conversions Part 2

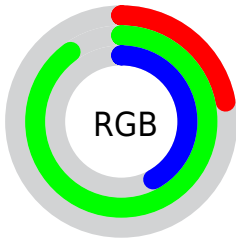
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 191, 229
Decimal	3794282
CIELab	80.71, -67.91, 47.43
CIElCh	81, 82.829, 145.069
Yxy	57.9491, 0.2850, 0.5111
Android (android.graphics.Color)	4281984362 (0xFF39E56A)
YUV	163.5500, -28.3722, -93.4444
Hunter-Lab	76.1243, -57.4597, 35.2813

# Details

The Android color `4281984362` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4293212596`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4286709664`, and `4278234166` is the 20% darker color. If you saturate the color by 10%, you get `4280477018`, and if you desaturate by 10%, it is `4283491706`.

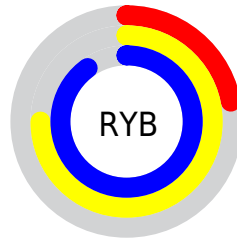
# Distribution



Red (22%)

Green (90%)

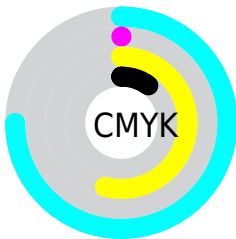
Blue (42%)



Red (22%)

Yellow (75%)

Blue (90%)

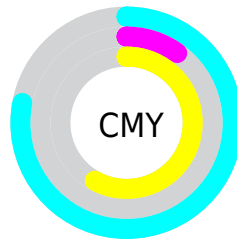


Cyan (75%)

Magenta (0%)

Yellow (54%)

Black (10%)



Cyan (78%)

Magenta (10%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281984362 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 4281984362 by changing the saturation by 10% instead.





4281984362



4281984362

4294967295



4278241360



4286709664



4278234166



4288741308



4278226970



4290772952



4278220032



4292804597



4278213376



4294836223



4278206976




4278200832




4278191360



4278190080

 4281984362

 4281984362

 4280477018

 4283491706

 4278969673

 4284999051

 4278248769

 4286506395

 4288013740

 4289521084

 4290962892

 4292470237

 4293977581

 4294960637

# Harmonies

## Analogous

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



4289713954



4281984362



4278250425

# Triad

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



4281984362



4278244863



4294935180

# Complementary

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



4281984362



4293212596

# 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.



4294933465



4281984362



4289640959

# Square

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



4281984362



4278249215



4294940415



4294943047

# Rectangle

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



4281984362



4278250990



4294940415



4294933669

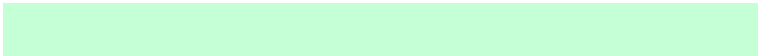


# Sweetspot

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



4281984362



4291100629



4290045241



4284252262



4278190080



4286611584



# Same Dimension

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



4281984362



4279893851



4281984448



4284969835



4278235955



4278203151



# Inverse Universe

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



4293212596



4294908350



4293212510



4285753199



4289921152

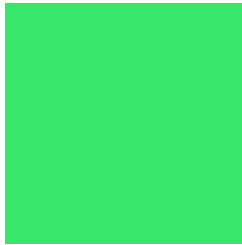


4281532452



# Previews

## White Background



This preview shows how the Android color 4281984362 looks on a white background.

## Color Contrast Check

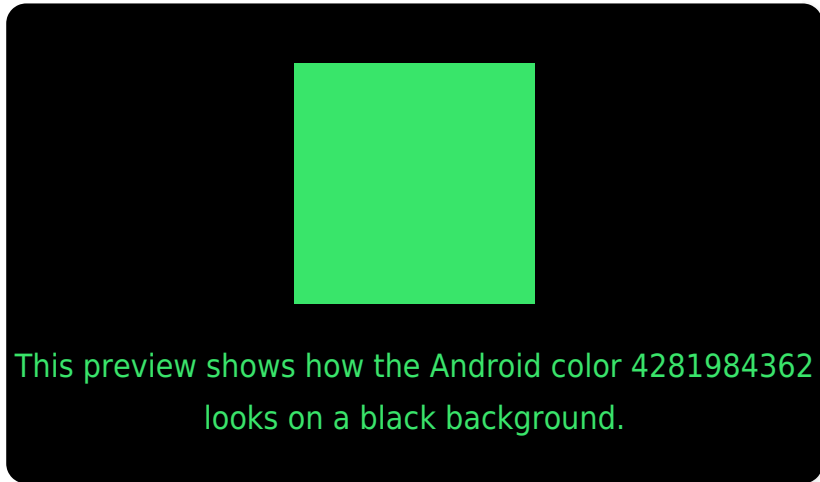
Large Text (above 18pt) WCAG AA × Fail

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 4281984362 Background



This preview shows how black text looks on a background with the Android color 4281984362.

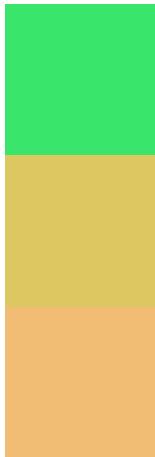


This preview shows how white text looks on a background with the Android color 4281984362.

# 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**  
4281984362

**Protanopia**  
4292659040

**Deuteranopia**  
4294032756



**Tritanopia**  
4284995561

# Trichromacy



**Original Color**

4281984362



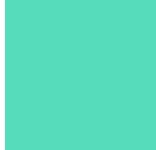
**Protanomaly**

4288795236



**Deuteranomaly**

4289645680



**Tritanomaly**

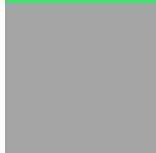
4283882683

# Monochromacy



**Original Color**

4281984362



**Achromatopsia**

4288980132



**Achromatomaly**

4286430351

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281984362 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, 229, 106)` looks like.

```
.text, #text, p{  
    color:rgb(57, 229, 106)  
}
```

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, 229, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 229, 106) }
```

## Border

The CSS property to change the border of an element to Android 4281984362 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, 229, 106) }
```

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

```
.border{ border-color:rgb(57, 229, 106) }
```

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

Here you see how a box with a 4 pixel rgb(57, 229, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 229, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 229, 106);  
box-shadow:4px 4px 4px 4px rgb(57, 229,  
106) }
```

# Background

The CSS property to change the background color of an element to Android 4281984362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 229, 106) }
```

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

```
.background{ background-color: rgb(57, 229,  
106) }
```

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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