

# Converting Colors

Android(4283557984)

Have a look what the booklet for  
Android(4283557984) contains.

<b>Android(4283557984)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4283557984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51E860
RGB	81, 232, 96
RGB Percent	32%, 91%, 38%
CMY	0.6824, 0.0902, 0.6235
CMYK	0.65, 0.00, 0.59, 0.09
HSL	126°, 77%, 61%
HSV	126°, 65%, 91%
XYZ	34.3613, 60.3071, 20.8957
YIQ	171.3470, -46.3400, -74.3080

# Conversions

## Conversions Part 2

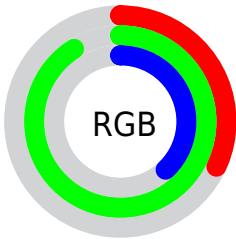
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 218, 232
Decimal	5367904
CIELab	82.00, -66.25, 53.61
CIElCh	82, 85.222, 141.017
Yxy	60.3071, 0.2973, 0.5218
Android (android.graphics.Color)	4283557984 (0xFF51E860)
YUV	171.3470, -37.1461, -79.2343
Hunter-Lab	77.6576, -56.9197, 38.4069

# Details

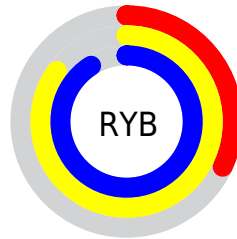
The Android color `4283557984` is a dark color, and the websafe version is hex `66FF66`. The color can be described as middle muted spring green. A complement of this color would be `4293415385`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4287823766`, and `4278234921` is the 20% darker color. If you saturate the color by 10%, you get `4282050635`, and if you desaturate by 10%, it is `4285065333`.

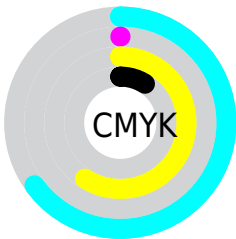
# Distribution



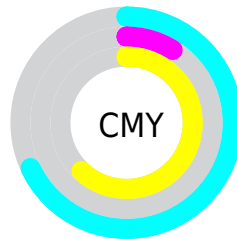
- Red (32%)
- Green (91%)
- Blue (38%)



- Red (32%)
- Yellow (85%)
- Blue (91%)



- Cyan (65%)
- Magenta (0%)
- Yellow (59%)
- Black (9%)



- Cyan (68%)
- Magenta (9%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283557984 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 4283557984 by changing the saturation by 10% instead.





4283557984



4283557984

4294967295



4280863557



4287823766



4278234921



4289855410



4278227715



4291821518



4278220800



4293853163



4278214144



4278207744



4278201600



4278193408



4278190080

 4283557984

 4283557984

 4282050635

 4285065333

 4280543286


 4286572682

 4278970401

 4288145567

 4278249495

 4289652916

 4291160264

 4292667613

 4294174962

 4294961407

# Harmonies

## Analogous

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



4290631952



4283557984



4278251696

# Triad

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



4283557984



4278246655



4294934680

# Complementary

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



4283557984



4293415385

# Split Complementary

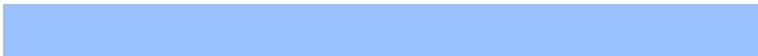
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294934248



4283557984



4288332287

# Square

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



4283557984



4278250751



4294941951



4294942287

# Rectangle

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



4283557984



4278252008



4294941951



4294933426

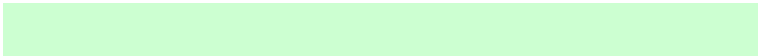


# Sweetspot

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



4283557984



4291624913



4292601937



4284579940



4278190080



4286611584



# Same Dimension

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



4283557984



4281925452



4283558057



4284969832



4278235922



4278203141



# Inverse Universe

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



4293415385



4294916331



4293415312



4285753202



4289921185

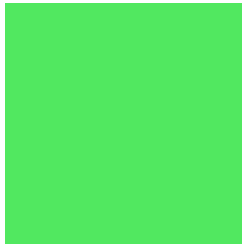


4281532462



# Previews

## White Background



This preview shows how the Android color 4283557984 looks on a white background.

## Color Contrast Check

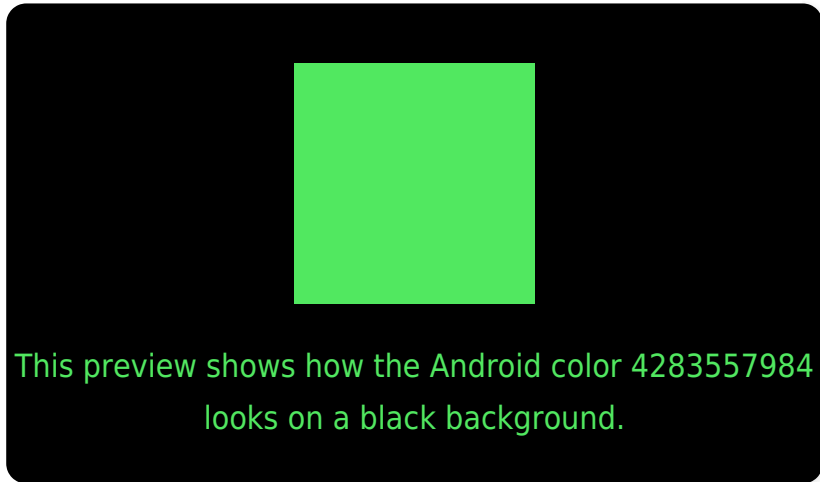
Large Text (above 18pt) WCAG AA × Fail

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 4283557984 Background



This preview shows how black text looks on a background with the Android color 4283557984.



This preview shows how white text looks on a background with the Android color 4283557984.

# Color Blindness Simulation

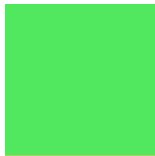
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4283557984



**Protanomaly**  
4289582426



**Deuteranomaly**  
4290498407



**Tritanomaly**  
4285128632

# Monochromacy



**Original Color**  
4283557984



**Achromatopsia**  
4289440683



**Achromatomaly**  
4287283600

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283557984 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(81, 232, 96)` looks like.

```
.text, #text, p{  
    color:rgb(81, 232, 96)  
}
```

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(81, 232, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 232, 96) }
```

## Border

The CSS property to change the border of an element to Android 4283557984 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(81, 232, 96) }
```

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

```
.border{ border-color:rgb(81, 232, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 232, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 232, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 232, 96);  
box-shadow:4px 4px 4px 4px rgb(81, 232,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4283557984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 232, 96) }
```

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

```
.background{ background-color: rgb(81, 232,  
96) }
```

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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