

# Converting Colors

Android(4284011634)

Have a look what the booklet for  
Android(4284011634) contains.

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# **Color**

**Android(4284011634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58D472
RGB	88, 212, 114
RGB Percent	35%, 83%, 45%
CMY	0.6549, 0.1686, 0.5529
CMYK	0.58, 0.00, 0.46, 0.17
HSL	133°, 59%, 59%
HSV	133°, 58%, 83%
XYZ	30.6052, 50.3766, 24.0302
YIQ	163.7520, -42.4460, -56.7660

# Conversions

## Conversions Part 2

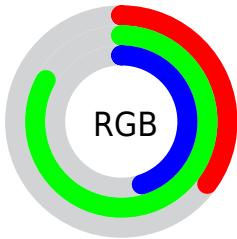
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 191, 212
Decimal	5821554
CIELab	76.30, -55.14, 38.27
CIELCh	76, 67.120, 145.233
Yxy	50.3766, 0.2914, 0.4797
Android (android.graphics.Color)	4284011634 (0xFF58D472)
YUV	163.7520, -24.5277, -66.4345
Hunter-Lab	70.9765, -47.2391, 29.6100

# Details

The Android color `4284011634` is a dark color, and the websafe version is hex `66CC66`. The color can be described as middle muted spring green. A complement of this color would be `4292106426`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4287954855`, and `4278230079` is the 20% darker color. If you saturate the color by 10%, you get `4282635361`, and if you desaturate by 10%, it is `4285387907`.

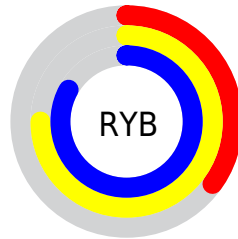
# Distribution



Red (35%)

Green (83%)

Blue (45%)



Red (35%)

Yellow (75%)

Blue (83%)

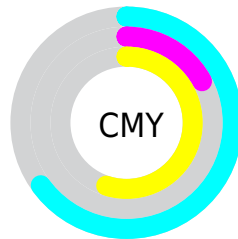


Cyan (58%)

Magenta (0%)

Yellow (46%)

Black (17%)



Cyan (65%)

Magenta (17%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284011634 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 4284011634 by changing the saturation by 10% instead.



 4284011634

 4284011634

4294967295

 4281841752

 4287954855

 4278230079

 4289855427

 4278223143

 4291821535

 4278216459

 4293787644

 4278210048

 4278203904

 4278197760


 4278190080

 4284011634

 4284011634

 4282635361

 4285387907

 4281259088

 4286764180

 4279817280

 4288205988

 4278441007

 4289582261

 4278244396

 4290958534

 4292334807

 4293711079

 4294956280

 4294956287

# Harmonies

## Analogous

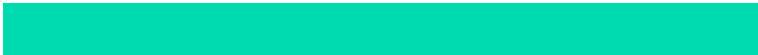
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289382467



4284011634



4278246064

# Triad

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



4284011634



4278241023



4294936715

# Complementary

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



4284011634



4292106426

# 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.



4294935753



4284011634



4289573119

# Square

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



4284011634



4278244607



4294874879



4294942295

# Rectangle

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



4284011634



4278246107



4294874879



4294935711

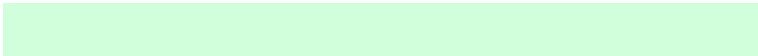


# Sweetspot

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



4284011634



4291952603



4290499672



4284711017



4278190080



4286611584



# Same Dimension

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



4284011634



4283301746



4284011695



4284509027



4278233892



4278201097



# Inverse Universe

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



4292106426



4294921690



4292106365



4285227113



4289396871

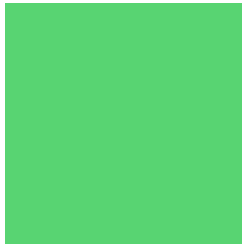


4281008162



# Previews

## White Background



This preview shows how the Android color 4284011634 looks on a white background.

## Color Contrast Check

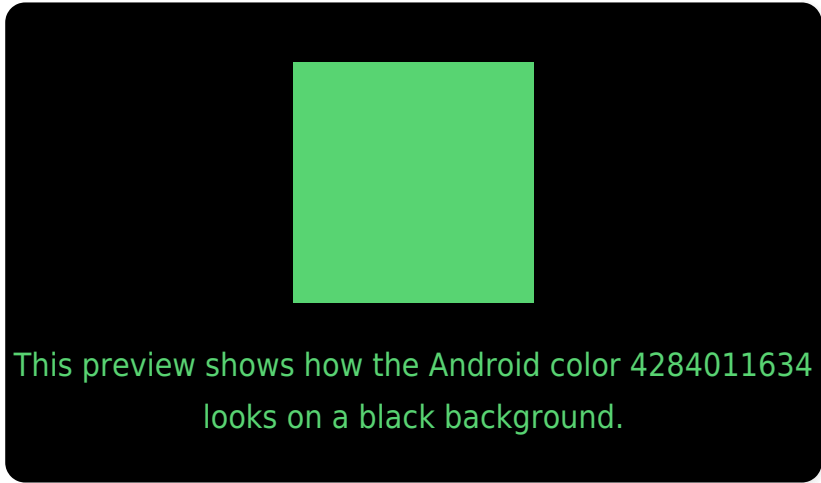
Large Text (above 18pt) WCAG AA × Fail

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 4284011634 Background



This preview shows how black text looks on a background with the Android color 4284011634.

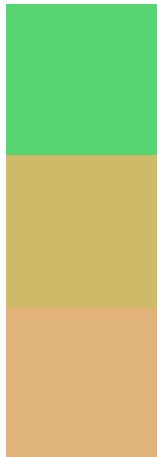


This preview shows how white text looks on a background with the Android color 4284011634.

# 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**  
4284011634

**Protanopia**  
4291672937

**Deuteranopia**  
4292916090



# Trichromacy



**Original Color**

4284011634



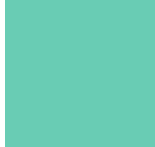
**Protanomaly**

4288857196



**Deuteranomaly**

4289707895



**Tritanomaly**

4285123764

# Monochromacy



**Original Color**

4284011634



**Achromatopsia**

4288980132



**Achromatomaly**

4287149458

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284011634 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(88, 212, 114)` looks like.

```
.text, #text, p{  
    color:rgb(88, 212, 114)  
}
```

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(88, 212, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 212, 114) }
```

## Border

The CSS property to change the border of an element to Android 4284011634 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(88, 212, 114) }
```

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

```
.border{ border-color:rgb(88, 212, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 212, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 212, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 212, 114);  
box-shadow:4px 4px 4px 4px rgb(88, 212,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4284011634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 212, 114) }
```

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

```
.background{ background-color: rgb(88, 212,  
114) }
```

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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