

# Converting Colors

Android(4284872067)

Have a look what the booklet for  
Android(4284872067) contains.

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# **Color**

**Android(4284872067)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65F583
RGB	101, 245, 131
RGB Percent	40%, 96%, 51%
CMY	0.6039, 0.0392, 0.4863
CMYK	0.59, 0.00, 0.47, 0.04
HSL	132°, 88%, 68%
HSV	132°, 59%, 96%
XYZ	42.1160, 69.7102, 32.7084
YIQ	188.9480, -49.2300, -65.9820

# Conversions

## Conversions Part 2

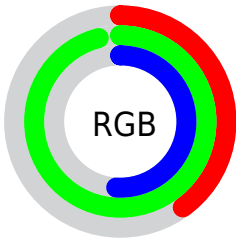
Format	Color
<a href="#">RYB</a>	<a href="#">101, 220, 245</a>
Decimal	<a href="#">6681987</a>
CIELab	<a href="#">86.85, -62.15, 43.39</a>
CIElCh	<a href="#">87, 75.798, 145.080</a>
Yxy	<a href="#">69.7102, 0.2914, 0.4823</a>
Android (android.graphics.Color)	<a href="#">4284872067 (0xFF65F583)</a>
YUV	<a href="#">188.9480, -28.5684, -77.1304</a>
Hunter-Lab	<a href="#">83.4926, -56.0718, 35.2179</a>

# Details

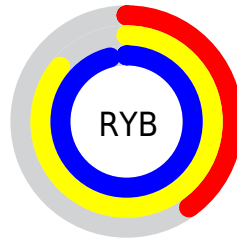
The Android color `4284872067` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294272471`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4288937914`, and `4279352399` is the 20% darker color. If you saturate the color by 10%, you get `4283299184`, and if you desaturate by 10%, it is `4286510486`.

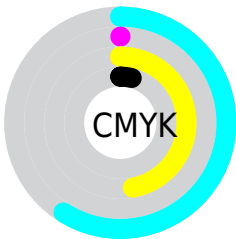
# Distribution



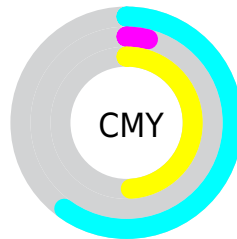
- Red (40%)
- Green (96%)
- Blue (51%)



- Red (40%)
- Yellow (86%)
- Blue (96%)



- Cyan (59%)
- Magenta (0%)
- Yellow (47%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284872067 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 4284872067 by changing the saturation by 10% instead.





4284872067



4284872067

4294967295



4282636393



4288937914



4279352399



4290904022



4278231093



4292935667



4278224155

4294901759



4278217216



4278210560



4278204416



4278198272




4278190080

 4284872067

 4284872067

 4283299184

 4286510486

 4281660764

 4288083370

 4280087881

 4289721789

 4278449461

 4291294673

 4278252851

 4292933092

 4294505975

 4294964735

# Harmonies

## Analogous

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



4291094348



4284872067



4278254795

# Triad

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



4284872067



4278248959



4294942113

# Complementary

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



4284872067



4294272471

# 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.



4294940904



4284872067



4291218431

# Square

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



4284872067



4278253055



4294946303



4294948452

# Rectangle

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



4284872067



4278254845



4294946303



4294940856

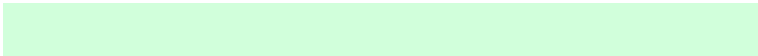


# Sweetspot

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



4284872067



4291952603



4292408677



4284711017



4278190080



4286611584



# Same Dimension

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



4284872067



4283105136



4284872138



4285430385



4278237735



4278205196



# Inverse Universe

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



4294272471



4294920921



4294272400



4286213752



4290379923



4282056750



# Previews

## White Background



This preview shows how the Android color 4284872067 looks on a white background.

## Color Contrast Check

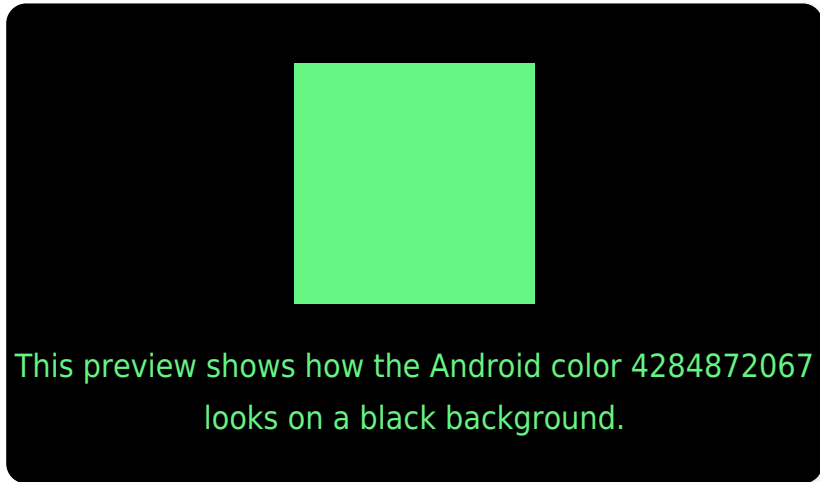
Large Text (above 18pt) WCAG AA × Fail

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

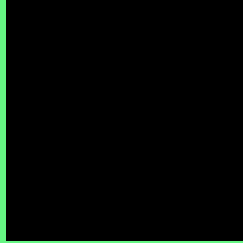
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

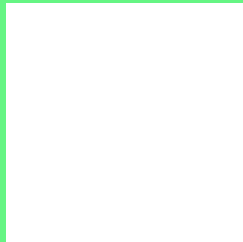
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284872067 Background



This preview shows how black text looks on a background with the Android color 4284872067.

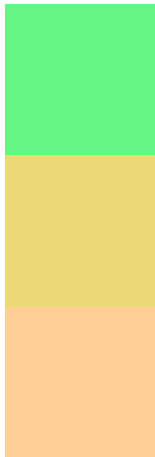


This preview shows how white text looks on a background with the Android color 4284872067.

# 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



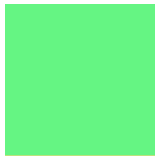
**Original Color**  
4284872067

**Protanopia**  
4293777528

**Deuteranopia**  
4294954903



# Trichromacy



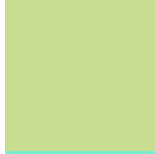
**Original Color**

4284872067



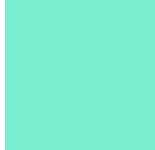
**Protanomaly**

4290569084



**Deuteranomaly**

4291288464



**Tritanomaly**

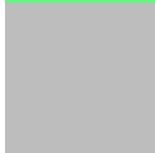
4286180815

# Monochromacy



**Original Color**

4284872067



**Achromatopsia**

4290624957



**Achromatomaly**

4288532904

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284872067 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(101, 245, 131)` looks like.

```
.text, #text, p{  
    color:rgb(101, 245, 131)  
}
```

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(101, 245, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 245, 131) }
```

## Border

The CSS property to change the border of an element to Android 4284872067 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(101, 245, 131) }
```

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

```
.border{ border-color:rgb(101, 245, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 245, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 245, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 245, 131);  
box-shadow:4px 4px 4px 4px rgb(101, 245,  
131) }
```

# Background

The CSS property to change the background color of an element to Android 4284872067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 245, 131) }
```

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

```
.background{ background-color: rgb(101,  
245, 131) }
```

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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