

# Converting Colors

Android(4284471419)

Have a look what the booklet for  
Android(4284471419) contains.

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# **Color**

**Android(4284471419)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FD87B
RGB	95, 216, 123
RGB Percent	37%, 85%, 48%
CMY	0.6275, 0.1529, 0.5176
CMYK	0.56, 0.00, 0.43, 0.15
HSL	134°, 61%, 61%
HSV	134°, 56%, 85%
XYZ	32.8503, 52.9747, 27.2326
YIQ	169.2190, -42.2630, -54.5750

# Conversions

## Conversions Part 2

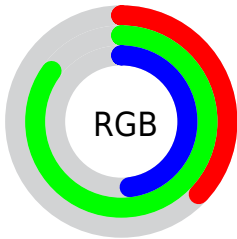
Format	Color
<a href="#">RYB</a>	<a href="#">95, 193, 216</a>
Decimal	<a href="#">6281339</a>
CIELab	<a href="#">77.86, -53.68, 35.82</a>
CIELCh	<a href="#">78, 64.532, 146.287</a>
Yxy	<a href="#">52.9747, 0.2906, 0.4686</a>
Android (android.graphics.Color)	<a href="#">4284471419 (0xFF5FD87B)</a>
YUV	<a href="#">169.2190, -22.7860, -65.0901</a>
Hunter-Lab	<a href="#">72.7837, -46.8070, 28.7647</a>

# Details

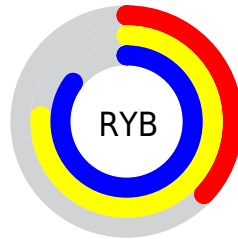
The Android color `4284471419` is a dark color, and the websafe version is hex `66CC66`. The color can be described as middle muted spring green. A complement of this color would be `4292370364`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4288348081`, and `4279672904` is the 20% darker color. If you saturate the color by 10%, you get `4283029610`, and if you desaturate by 10%, it is `4285913228`.

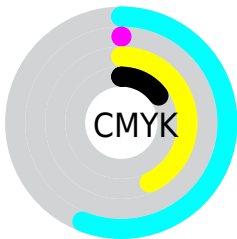
# Distribution



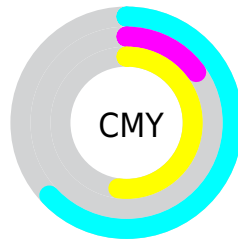
- Red (37%)
- Green (85%)
- Blue (48%)



- Red (37%)
- Yellow (76%)
- Blue (85%)



- Cyan (56%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)



- Cyan (63%)
- Magenta (15%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284471419 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 4284471419 by changing the saturation by 10% instead.



 4284471419

 4284471419

4294967295

 4282367073

 4288348081

 4279672904

 4290248652

 4278224176

 4292214761

 4278217495

 4294180863

 4278211072

 4278204672

 4278198784


 4278190080

 4284471419

 4284471419

 4283029610

 4285913228

 4281653338

 4287289500


 4280211529

 4288731309

 4278835257

 4290107581

 4278245426

 4291549390

 4292991199

 4294367471

 4294957311

# Harmonies

## Analogous

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



4289580366



4284471419



4278246839

# Triad

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



4284471419



4278241791



4294938767

# Complementary

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



4284471419



4292370364

# 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.



4294937546



4284471419



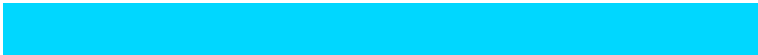
4290163967

# Square

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



4284471419



4278245375



4294941695



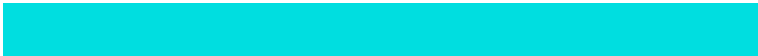
4294943837

# Rectangle

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



4284471419



4278247136



4294941695



4294937762

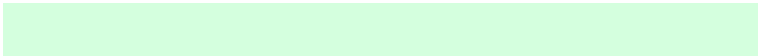


# Sweetspot

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



4284471419



4292149214



4290697311



4284907628



4278190080



4286611584



# Same Dimension

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



4284471419



4283760508



4284471478



4284509027



4278233896



4278201098



# Inverse Universe

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



4292370364



4294923479



4292370305



4285227113



4289396867

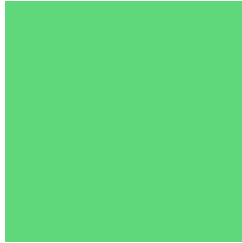


4281008161



# Previews

## White Background



This preview shows how the Android color 4284471419 looks on a white background.

## Color Contrast Check

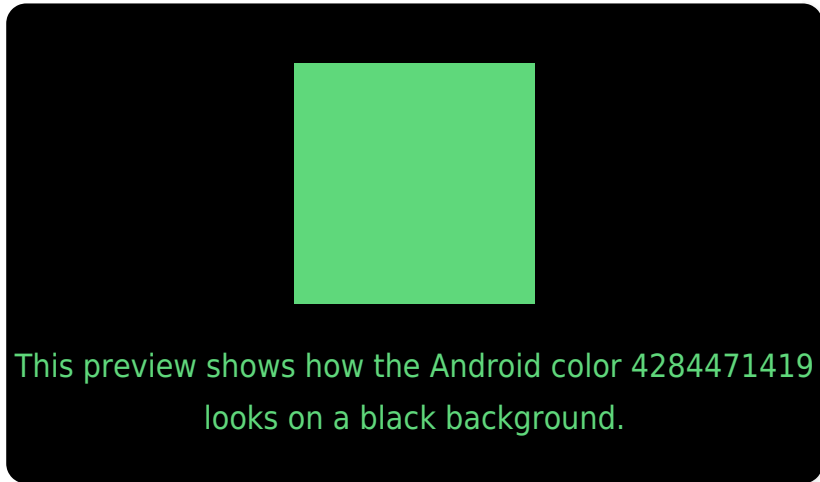
Large Text (above 18pt) WCAG AA × Fail

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 4284471419 Background



This preview shows how black text looks on a background with the Android color 4284471419.

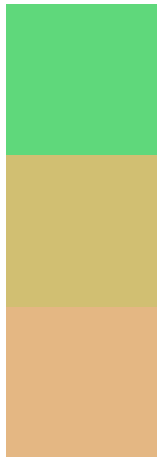


This preview shows how white text looks on a background with the Android color 4284471419.

# 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](#).

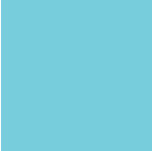
## Dichromacy



**Original Color**  
4284471419

**Protanopia**  
4291936114

**Deuteranopia**  
4293179267



**Tritanopia**  
4286107101

# Trichromacy



**Original Color**

4284471419



**Protanomaly**

4289251445



**Deuteranomaly**

4290036608



**Tritanomaly**

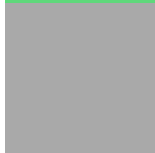
4285518265

# Monochromacy



**Original Color**

4284471419



**Achromatopsia**

4289309097



**Achromatomaly**

4287543960

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284471419 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(95, 216, 123)` looks like.

```
.text, #text, p{  
    color:rgb(95, 216, 123)  
}
```

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(95, 216, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 216, 123) }
```

## Border

The CSS property to change the border of an element to Android 4284471419 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(95, 216, 123) }
```

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

```
.border{ border-color:rgb(95, 216, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 216, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 216, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 216, 123);  
box-shadow:4px 4px 4px 4px rgb(95, 216,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4284471419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 216, 123) }
```

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

```
.background{ background-color: rgb(95, 216,  
123) }
```

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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