

# Converting Colors

Android(4284346486)

Have a look what the booklet for  
Android(4284346486) contains.

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# **Color**

**Android(4284346486)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DF076
RGB	93, 240, 118
RGB Percent	36%, 94%, 46%
CMY	0.6353, 0.0588, 0.5373
CMYK	0.61, 0.00, 0.51, 0.06
HSL	130°, 83%, 65%
HSV	130°, 61%, 94%
XYZ	38.9443, 65.9553, 27.8176
YIQ	182.1390, -48.4500, -69.1060

# Conversions

## Conversions Part 2

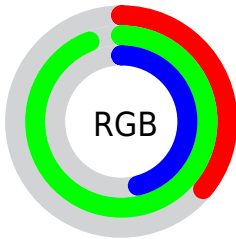
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 219, 240
Decimal	6156406
CIE <sub>Lab</sub>	84.97, -63.86, 47.19
CIE <sub>LCh</sub>	85, 79.404, 143.540
Yxy	65.9553, 0.2934, 0.4970
Android (android.graphics.Color)	4284346486 (0xFF5DF076)
YUV	182.1390, -31.6205, -78.1749
Hunter-Lab	81.2129, -56.5258, 36.5406

# Details

The Android color `4284346486` is a light color, and the websafe version is hex `66FF99`. The color can be described as light muted spring green. A complement of this color would be `4293942743`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4288479148`, and `4278236994` is the 20% darker color. If you saturate the color by 10%, you get `4282773602`, and if you desaturate by 10%, it is `4285919370`.

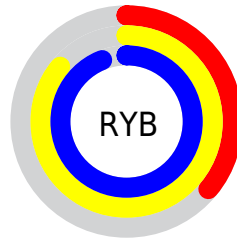
# Distribution



Red (36%)

Green (94%)

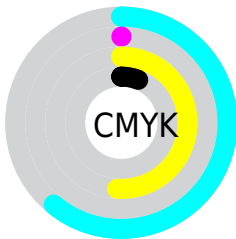
Blue (46%)



Red (36%)

Yellow (86%)

Blue (94%)

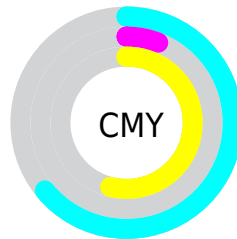


Cyan (61%)

Magenta (0%)

Yellow (51%)

Black (6%)



Cyan (64%)

Magenta (6%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284346486 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 4284346486 by changing the saturation by 10% instead.



 4284346486

 4284346486

4294967295

 4281979740

 4288479148

 4278236994

 4290445256

 4278229799

 4292476901

 4278222854

 4294508543

 4278216192

 4278209536

 4278203648

 4278196736

 4278190080

 4284346486

 4284346486

 4282773602

 4285919370

 4281200718

 4287492254

 4279627834

 4289065138

 4278251561

 4290638022

 4292210906

 4293783790

 4294963455

# Harmonies

## Analogous

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



4290896442



4284346486



4278253505

# Triad

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



4284346486



4278248191



4294939293

# Complementary

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



4284346486



4293942743

# 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.



4294938344



4284346486



4290234367

# Square

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



4284346486



4278252031



4294944511



4294946139

# Rectangle

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



4284346486



4278253813



4294944511



4294938037

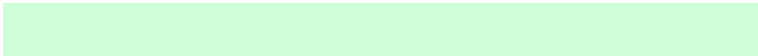


# Sweetspot

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



4284346486



4291952601



4292341853



4284711016



4278190080



4286611584



# Same Dimension

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



4284346486



4282580834



4284346559



4285298798



4278237215



4278204426



# Inverse Universe

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



4293942743



4294918879



4293942670



4286082166



4290248856

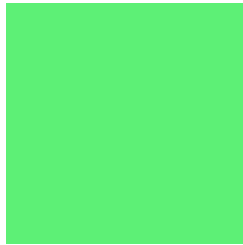


4281860143



# Previews

## White Background



This preview shows how the Android color 4284346486 looks on a white background.

## Color Contrast Check

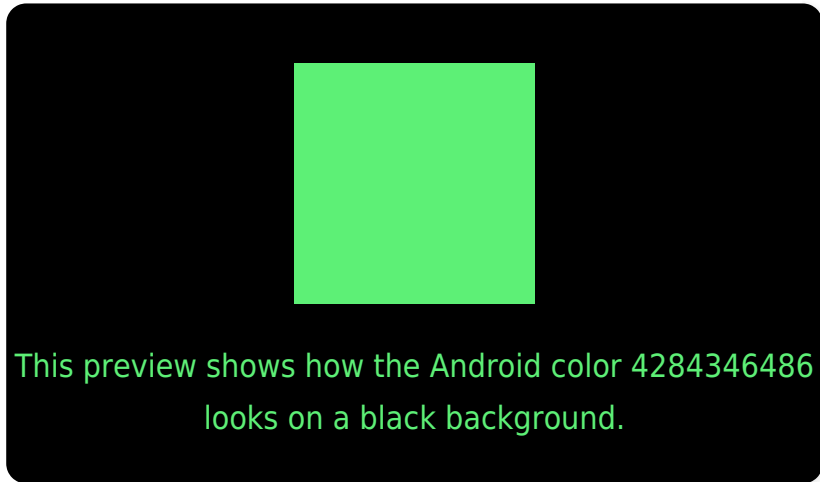
Large Text (above 18pt) WCAG AA × Fail

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

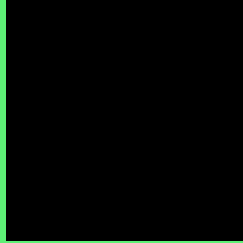
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284346486 Background



This preview shows how black text looks on a background with the Android color 4284346486.

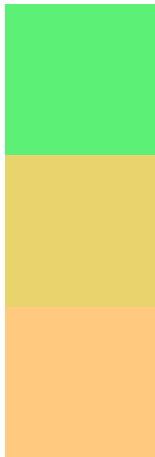


This preview shows how white text looks on a background with the Android color 4284346486.

# 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**  
4284346486

**Protanopia**  
4293448556

**Deuteranopia**  
4294953344



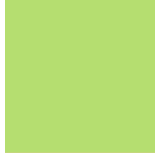
**Tritanopia**  
4286571252

# Trichromacy



**Original Color**

4284346486



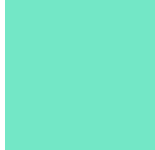
**Protanomaly**

4290109040



**Deuteranomaly**

4291090300



**Tritanomaly**

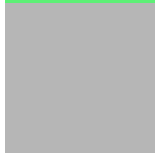
4285786054

# Monochromacy



**Original Color**

4284346486



**Achromatopsia**

4290164406



**Achromatomaly**

4288072607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284346486 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(93, 240, 118)` looks like.

```
.text, #text, p{  
    color:rgb(93, 240, 118)  
}
```

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(93, 240, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 240, 118) }
```

## Border

The CSS property to change the border of an element to Android 4284346486 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(93, 240, 118) }
```

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

```
.border{ border-color:rgb(93, 240, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 240, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 240, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 240, 118);  
box-shadow:4px 4px 4px 4px rgb(93, 240,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4284346486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 240, 118) }
```

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

```
.background{ background-color: rgb(93, 240,  
118) }
```

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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