

# Converting Colors

Android(4286578560)

Have a look what the booklet for  
Android(4286578560) contains.

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# **Color**

**Android(4286578560)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7FFF80                       |
| RGB         | 127, 255, 128                |
| RGB Percent | 50%, 100%, 50%               |
| CMY         | 0.5020, 0.0000, 0.4980       |
| CMYK        | 0.50, 0.00, 0.50, 0.00       |
| HSL         | 120°, 100%, 75%              |
| HSV         | 120°, 50%, 100%              |
| XYZ         | 48.4087, 77.5905, 32.8471    |
| YIQ         | 202.2500, -35.5210, -66.6330 |

# Conversions

## Conversions Part 2

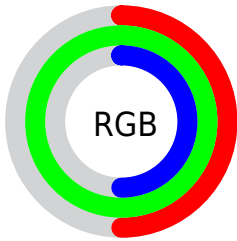
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 127, 254, 255                   |
| Decimal                             | 8388480                         |
| CIELab                              | 90.59, -60.15, 49.65            |
| CIELCh                              | 91, 77.993, 140.466             |
| Yxy                                 | 77.5905, 0.3048,<br>0.4885      |
| Android<br>(android.graphics.Color) | 4286578560<br>(0xFF7FFF80)      |
| YUV                                 | 202.2500, -36.6053,<br>-65.9943 |
| Hunter-Lab                          | 88.0855, -56.0523,<br>39.5506   |

# Details

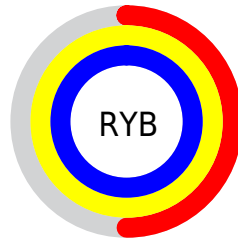
The Android color `4286578560` is a light color, and the websafe version is hex `66FF99`. A complement of this color would be `4294934526`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4290510775`, and `4282369355` is the 20% darker color. If you saturate the color by 10%, you get `4284940135`, and if you desaturate by 10%, it is `4288282521`.

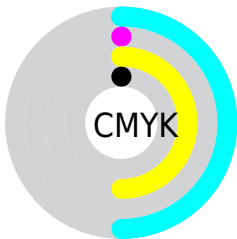
# Distribution



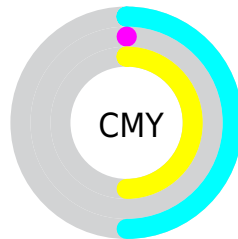
- Red (50%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286578560 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 4286578560 by changing the saturation by 10% instead.



 4286578560

 4286578560

4294967295

 4284539493

 4290510775

 4282369355

 4292476883

 4279150896

 4294442992

 4278226450

 4278219520

 4278213120

 4278206720

 4278200576

 4278191104

 4286578560


 4286578560


 4284940135

 4288282521

 4283236173

 4289920947

 4281597748

 4291624908

 4279893787

 4293263333

 4278255362

4294967295

# Harmonies

## Analogous

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



4292538443



4286578560



4278255561

# Triad

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



4286578560



4278252543



4294943668

# Complementary

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



4286578560



4294934526

# 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.



4294943487



4286578560



4290501375

# Square

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



4286578560



4278255615



4294949631



4294949746

# Rectangle

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



4286578560



4278255613



4294949631



4294942669

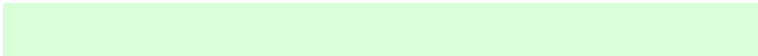


# Sweetspot

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



4286578560



4292476889



4294967167



4285104233



4278190080



4286611584



# Same Dimension

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



4286578560



4284940135



4286578623



4285759603



4278238977



4278206464



# Inverse Universe

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



4294934526



4294928126



4294934463



4286608255



4290707646

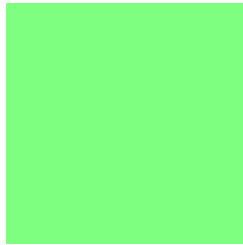


4282384447



# Previews

## White Background



This preview shows how the Android color 4286578560 looks on a white background.

## Color Contrast Check

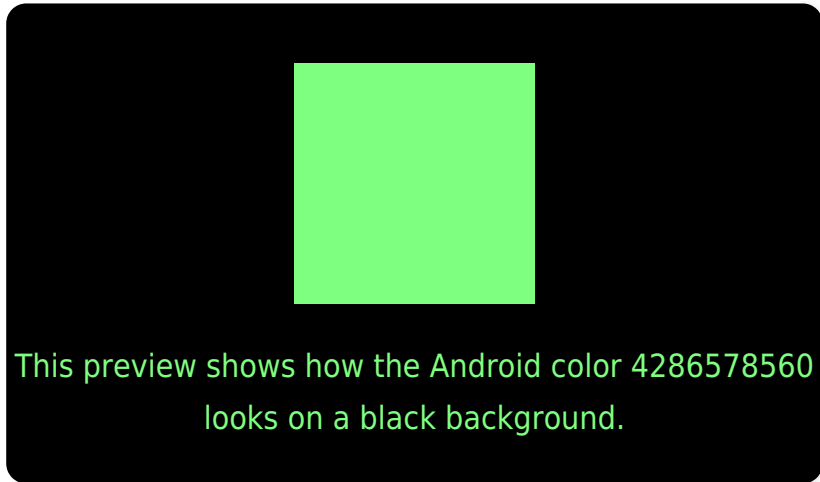
Large Text (above 18pt) WCAG AA × Fail

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

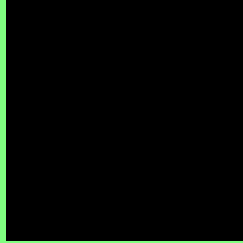
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

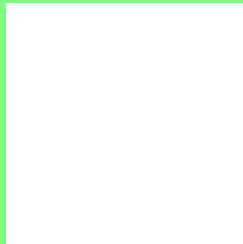
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286578560 Background



This preview shows how black text looks on a background with the Android color 4286578560.

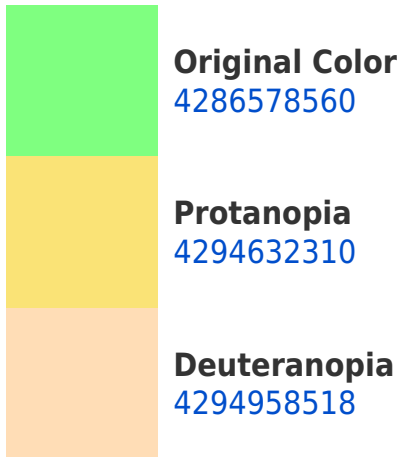


This preview shows how white text looks on a background with the Android color 4286578560.

# 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



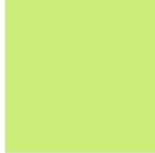


# Trichromacy



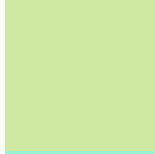
**Original Color**

4286578560



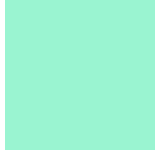
**Protanomaly**

4291685754



**Deuteranomaly**

4291881378



**Tritanomaly**

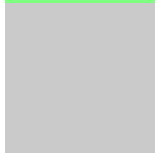
4288345297

# Monochromacy



**Original Color**

4286578560



**Achromatopsia**

4291480266



**Achromatomaly**

4289715631

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286578560 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(127, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 128)  
}
```

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(127, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 128) }
```

## Border

The CSS property to change the border of an element to Android 4286578560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

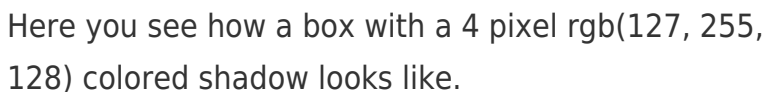
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 255, 128) }
```

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

```
.border{ border-color:rgb(127, 255, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 255, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 255, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 255, 128); box-shadow:4px 4px 4px 4px rgb(127, 255, 128) }
```

# Background

The CSS property to change the background color of an element to Android 4286578560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 255, 128) }
```

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

```
.background{ background-color: rgb(127,  
255, 128) }
```

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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