

# Converting Colors

Android(4286578565)

Have a look what the booklet for  
Android(4286578565) contains.

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**Color**

**Android(4286578565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7FFF85
RGB	127, 255, 133
RGB Percent	50%, 100%, 52%
CMY	0.5020, 0.0000, 0.4784
CMYK	0.50, 0.00, 0.48, 0.00
HSL	123°, 100%, 75%
HSV	123°, 50%, 100%
XYZ	48.7460, 77.7255, 34.6236
YIQ	202.8200, -37.1260, -65.0780

# Conversions

## Conversions Part 2

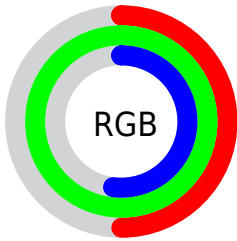
Format	Color
<a href="#">RYB</a>	<a href="#">127, 249, 255</a>
Decimal	<a href="#">8388485</a>
CIELab	<a href="#">90.65, -59.49, 47.38</a>
CIElCh	<a href="#">91, 76.052, 141.469</a>
Yxy	<a href="#">77.7255, 0.3026, 0.4825</a>
Android (android.graphics.Color)	<a href="#">4286578565 (0xFF7FFF85)</a>
YUV	<a href="#">202.8200, -34.4213, -66.4941</a>
Hunter-Lab	<a href="#">88.1621, -55.5885, 38.4286</a>

# Details

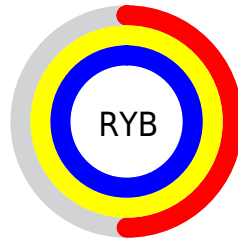
The Android color **4286578565** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **4294934521**, and the grayscale version is **4291546059**.

A 20% lighter version of the original color is **4290510780**, and **4282369360** is the 20% darker color. If you saturate the color by 10%, you get **4284940141**, and if you desaturate by 10%, it is **4288282525**.

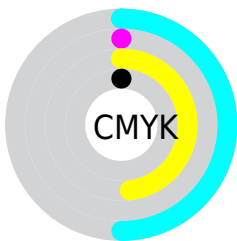
# Distribution



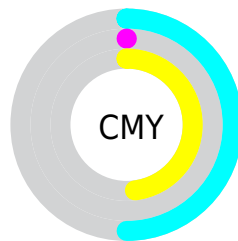
- Red (50%)
- Green (100%)
- Blue (52%)



- Red (50%)
- Yellow (98%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286578565 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 4286578565 by changing the saturation by 10% instead.





4286578565



4286578565

4294967295



4284539498



4290510780



4282369360



4292476888



4279281974



4294442997



4278226458



4278219520



4278213120



4278206720



4278200832



4278191104

 4286578565


 4286578565

 4284940141

 4288282525

 4283236180

 4289920950

 4281597756

 4291624910

 4279893796

 4293263334

 4278255372

4294967295

# Harmonies

## Analogous

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



4292472914



4286578565



4278255564

# Triad

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



4286578565



4278252287



4294944435

# Complementary

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



4286578565



4294934521

# 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.



4294943996



4286578565



4290959871

# Square

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



4286578565



4278255615



4294949887



4294950260

# Rectangle

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



4286578565



4278255615



4294949887



4294943435

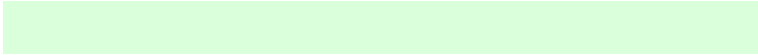


# Sweetspot

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



4286578565



4292476891



4294705023



4285104234



4278190080



4286611584



# Same Dimension

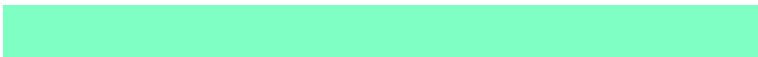
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4286578565



4284940141



4286578627



4285759603



4278238985



4278206467



# Inverse Universe

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



4294934521



4294928120



4294934459



4286608255



4290707638

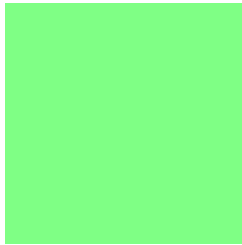


4282384445



# Previews

## White Background



This preview shows how the Android color 4286578565 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



This preview shows how the Android color 4286578565 looks on a 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 4286578565 Background



This preview shows how black text looks on a background with the Android color 4286578565.

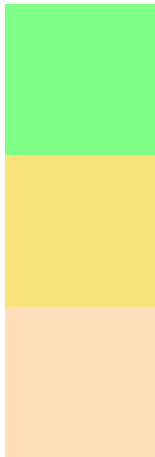


This preview shows how white text looks on a background with the Android color 4286578565.

# 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**  
4286578565

**Protanopia**  
4294566779

**Deuteranopia**  
4294958520



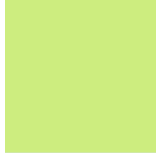
**Tritanopia**  
4289327103

# Trichromacy



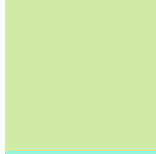
**Original Color**

4286578565



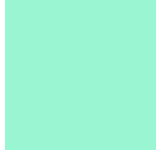
**Protanomaly**

4291685759



**Deuteranomaly**

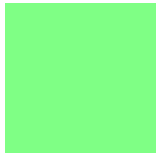
4291881381



**Tritanomaly**

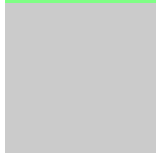
4288345555

# Monochromacy



**Original Color**

4286578565



**Achromatopsia**

4291546059



**Achromatomaly**

4289715890

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286578565 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 133) }
```

## Border

The CSS property to change the border of an element to Android 4286578565 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, 133) }
```

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

```
.border{ border-color:rgb(127, 255, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(127, 255,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4286578565 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, 133) }
```

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

```
.background{ background-color: rgb(127,  
255, 133) }
```

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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