

# Converting Colors

Android(4286644162)

Have a look what the booklet for  
Android(4286644162) contains.

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# **Color**

**Android(4286644162)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80FFC2
RGB	128, 255, 194
RGB Percent	50%, 100%, 76%
CMY	0.4980, 0.0000, 0.2392
CMYK	0.50, 0.00, 0.24, 0.00
HSL	151°, 100%, 75%
HSV	151°, 50%, 100%
XYZ	54.3997, 80.0042, 63.6141
YIQ	210.0730, -56.1110, -45.8950

# Conversions

## Conversions Part 2

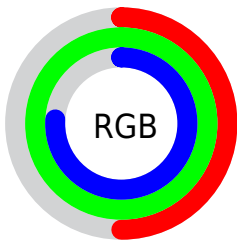
Format	Color
<a href="#">RYB</a>	<a href="#">128, 212, 255</a>
Decimal	<a href="#">8454082</a>
CIELab	<a href="#">91.69, -49.03, 18.47</a>
CIElCh	<a href="#">92, 52.396, 159.359</a>
Yxy	<a href="#">80.0042, 0.2747, 0.4040</a>
Android (android.graphics.Color)	<a href="#">4286644162</a> ( <a href="#">0xFF80FFC2</a> )
YUV	<a href="#">210.0730, -7.9240, -71.9780</a>
Hunter-Lab	<a href="#">89.4451, -47.9668, 20.4440</a>

# Details

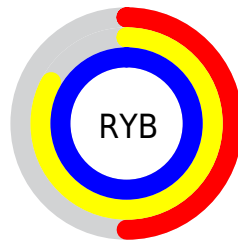
The Android color `4286644162` is a light color, and the websafe version is hex `66FFCC`. A complement of this color would be `4294934717`, and the grayscale version is `4292006610`.

A 20% lighter version of the original color is `4290510843`, and `4282566028` is the 20% darker color. If you saturate the color by 10%, you get `4285005750`, and if you desaturate by 10%, it is `4288348110`.

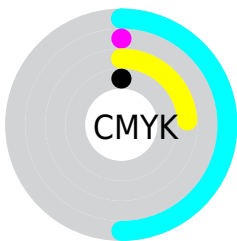
# Distribution



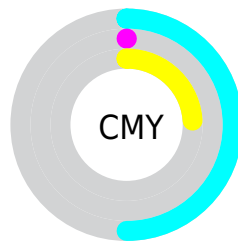
- Red (50%)
- Green (100%)
- Blue (76%)



- Red (50%)
- Yellow (83%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286644162 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 4286644162 by changing the saturation by 10% instead.





4286644162



4286644162

4294967295



4284670631



4290510843



4282566028



4292476927



4279806579



4294443007



4278226778



4278219842



4278213420



4278206998



4278201344



4278192896

 4286644162

 4286644162


 4285005750

 4288348110

 4283301802

 4289986522

 4281597853

 4291690471

 4279959441

 4293328883

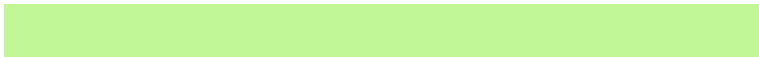
 4278255493

4294967295

# Harmonies

## Analogous

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



4290901911



4286644162



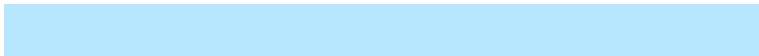
4278779894

# Triad

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



4286644162



4290177023



4294952874

# Complementary

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



4286644162



4294934717

# 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.



4294950873



4286644162



4294956287

# Square

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



4286644162



4283299583



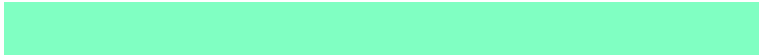
4294952191



4294957193

# Rectangle

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



4286644162



4278255615



4294952191

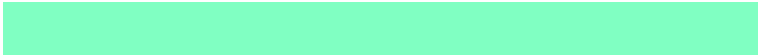


4294951864

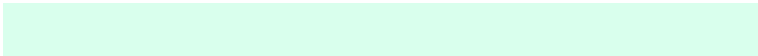


# Sweetspot

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



4286644162



4292476909



4290641792



4285104244



4278190080

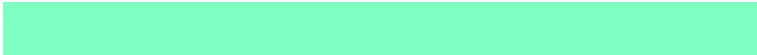


4286611584



# Same Dimension

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



4286644162



4284940214



4286643711



4285759609



4278239075



4278206497



# Inverse Universe

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



4294934717



4294928047



4294935168



4286608249



4290707548

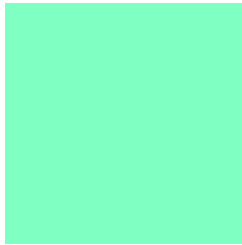


4282384415



# Previews

## White Background



This preview shows how the Android color 4286644162 looks on a white background.

## Color Contrast Check

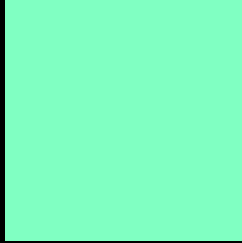
Large Text (above 18pt) WCAG AA × Fail

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 4286644162 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

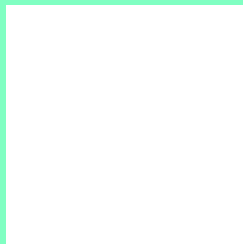
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286644162 Background



This preview shows how black text looks on a background with the Android color 4286644162.

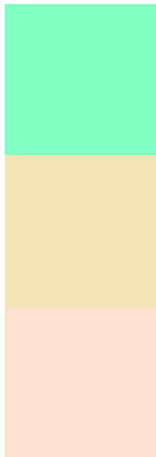


This preview shows how white text looks on a background with the Android color 4286644162.

# 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**  
4286644162

**Protanopia**  
4294239670

**Deuteranopia**  
4294959056



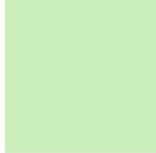
**Tritanopia**  
4289917439

# Trichromacy



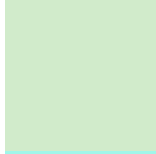
**Original Color**

4286644162



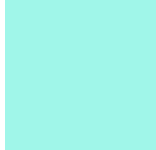
**Protanomaly**

4291489466



**Deuteranomaly**

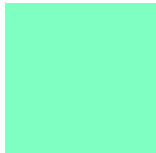
4291947467



**Tritanomaly**

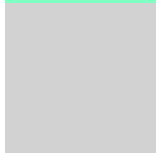
4288739049

# Monochromacy



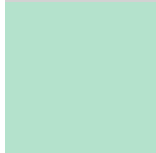
**Original Color**

4286644162



**Achromatopsia**

4292006610



**Achromatomaly**

4290044620

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286644162 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(128, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 194)  
}
```

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(128, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 194) }
```

## Border

The CSS property to change the border of an element to Android 4286644162 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(128, 255, 194) }
```

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

```
.border{ border-color:rgb(128, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4286644162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 194) }
```

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

```
.background{ background-color: rgb(128,  
255, 194) }
```

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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