

# Converting Colors

Android(4286644197)

Have a look what the booklet for  
Android(4286644197) contains.

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# **Color**

**Android(4286644197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80FFE5
RGB	128, 255, 229
RGB Percent	50%, 100%, 90%
CMY	0.4980, 0.0000, 0.1020
CMYK	0.50, 0.00, 0.10, 0.00
HSL	168°, 100%, 75%
HSV	168°, 50%, 100%
XYZ	58.8049, 81.7663, 86.8119
YIQ	214.0630, -67.3460, -35.0100

# Conversions

## Conversions Part 2

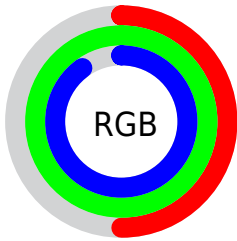
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 199, 255
Decimal	8454117
CIELab	92.47, -41.50, 1.57
CIELCh	92, 41.528, 177.839
Yxy	81.7663, 0.2586, 0.3596
Android (android.graphics.Color)	4286644197 (0xFF80FFE5)
YUV	214.0630, 7.3639, -75.4773
Hunter-Lab	90.4247, -42.1613, 6.3762

# Details

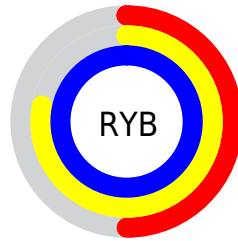
The Android color `4286644197` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294934682`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4290576383`, and `4282435246` is the 20% darker color. If you saturate the color by 10%, you get `4285005792`, and if you desaturate by 10%, it is `4288348138`.

# Distribution



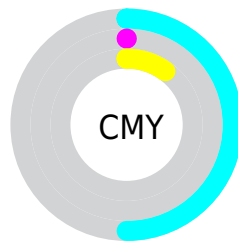
- Red (50%)
- Green (100%)
- Blue (90%)



- Red (50%)
- Yellow (78%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286644197 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 4286644197 by changing the saturation by 10% instead.



 4286644197

 4286644197

4294967295

 4284605129

 4290576383

 4282435246

 4292542463

 4279347859

 4294508543

 4278226809

 4278220129

 4278213449

 4278207282

 4278201373

 4278194181

 4286644197

 4286644197


 4285005792

 4288348138

 4283301851

 4289986543

 4281597909

 4291690485

 4279959504

 4293328890

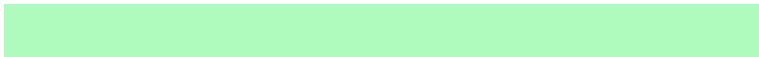
 4278255563

4294967295

# Harmonies

## Analogous

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



4289723326



4286644197



4284546815

# Triad

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



4286644197



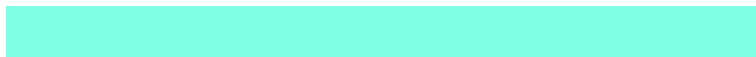
4293648639



4294957223

# Complementary

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



4286644197



4294934682

# 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.



4294954694



4286644197



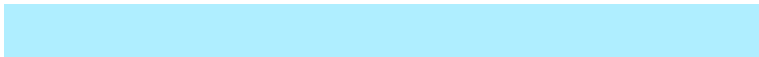
4294956031

# Square

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



4286644197



4289720063



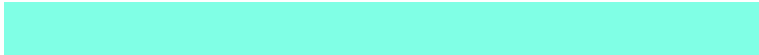
4294953966



4294960793

# Rectangle

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



4286644197



4285004799



4294953966

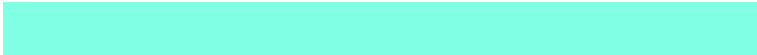


4294956208

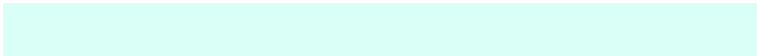


# Sweetspot

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



4286644197



4292476919



4288479104



4285104251



4278190080



4286611584



# Same Dimension

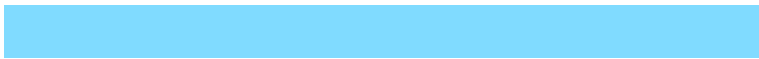
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4286644197



4284940256



4286635007



4285759613



4278239128



4278206515



# Inverse Universe

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



4294934682



4294928005



4294943872



4286608245



4290707495

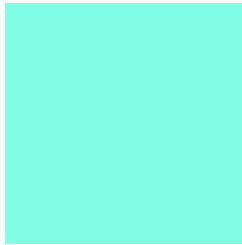


4282384397



# Previews

## White Background



This preview shows how the Android color 4286644197 looks on a white background.

## Color Contrast Check

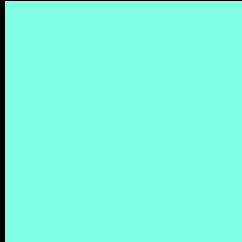
Large Text (above 18pt) WCAG AA × Fail

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 4286644197 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

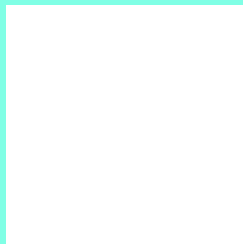
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286644197 Background



This preview shows how black text looks on a background with the Android color 4286644197.




This preview shows how white text looks on a background with the Android color 4286644197.

# 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





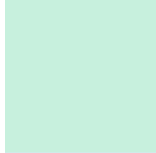
**Tritanopia**  
4290310911

# Trichromacy



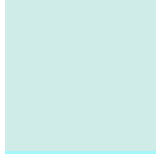
**Original Color**

4286644197



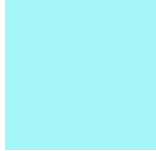
**Protanomaly**

4291293405



**Deuteranomaly**

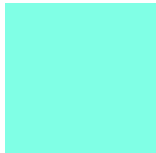
4291816681



**Tritanomaly**

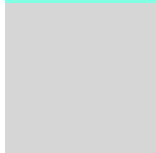
4289001462

# Monochromacy



**Original Color**

4286644197



**Achromatopsia**

4292269782



**Achromatomaly**

4290242011

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286644197 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 229) }
```

## Border

The CSS property to change the border of an element to Android 4286644197 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, 229) }
```

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

```
.border{ border-color:rgb(128, 255, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 255, 229); box-shadow:4px 4px 4px 4px rgb(128, 255, 229) }
```

# Background

The CSS property to change the background color of an element to Android 4286644197 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, 229) }
```

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

```
.background{ background-color: rgb(128,  
255, 229) }
```

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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