

# Converting Colors

Android(4286644194)

Have a look what the booklet for  
Android(4286644194) contains.

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# **Color**

**Android(4286644194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80FFE2
RGB	128, 255, 226
RGB Percent	50%, 100%, 89%
CMY	0.4980, 0.0000, 0.1137
CMYK	0.50, 0.00, 0.11, 0.00
HSL	166°, 100%, 75%
HSV	166°, 50%, 100%
XYZ	58.3896, 81.6002, 84.6245
YIQ	213.7210, -66.3830, -35.9430

# Conversions

## Conversions Part 2

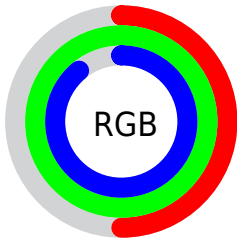
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 200, 255
Decimal	8454114
CIELab	92.40, -42.19, 3.01
CIELCh	92, 42.295, 175.919
Yxy	81.6002, 0.2600, 0.3633
Android (android.graphics.Color)	4286644194 (0xFF80FFE2)
YUV	213.7210, 6.0535, -75.1773
Hunter-Lab	90.3328, -42.7032, 7.6897

# Details

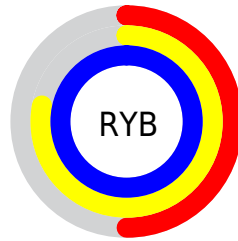
The Android color `4286644194` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294934685`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4290576383`, and `4282435243` is the 20% darker color. If you saturate the color by 10%, you get `4285005788`, and if you desaturate by 10%, it is `4288348136`.

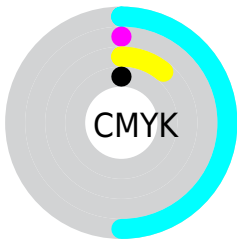
# Distribution



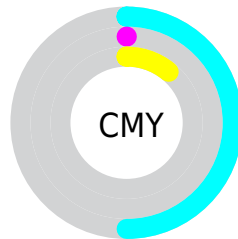
- Red (50%)
- Green (100%)
- Blue (89%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286644194 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 4286644194 by changing the saturation by 10% instead.



 4286644194

 4286644194

4294967295

 4284605126

 4290576383

 4282435243

 4292542463

 4279413392

 4294508543

 4278226807

 4278220126

 4278213446

 4278207280

 4278201371

 4278194177

 4286644194

 4286644194


 4285005788

 4288348136

 4283301846

 4289986542

 4281597905

 4291690483

 4279959499

 4293328889

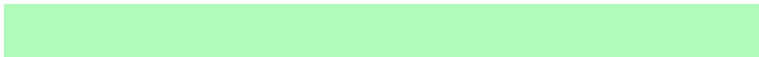
 4278255557

4294967295

# Harmonies

## Analogous

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



4289854394



4286644194



4284284927

# Triad

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



4286644194



4293386751



4294956967

# Complementary

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



4286644194



4294934685

# 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.



4294954440



4286644194



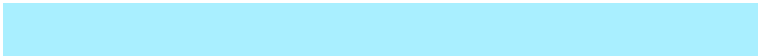
4294956031

# Square

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



4286644194



4289327103



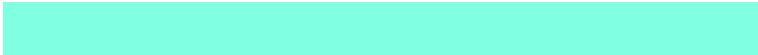
4294953968



4294960536

# Rectangle

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



4286644194



4284546303



4294953968

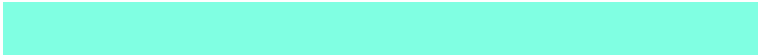


4294955953

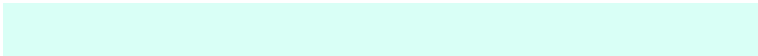


# Sweetspot

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



4286644194



4292476918



4288610176



4285104250



4278190080



4286611584



# Same Dimension

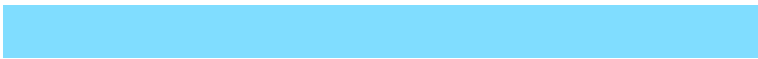
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4286644194



4284940252



4286635519



4285759613



4278239124



4278206513



# Inverse Universe

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



4294934685



4294928009



4294943360



4286608246



4290707500

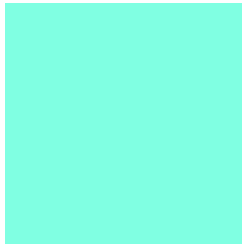


4282384399



# Previews

## White Background



This preview shows how the Android color 4286644194 looks on a white background.

## Color Contrast Check

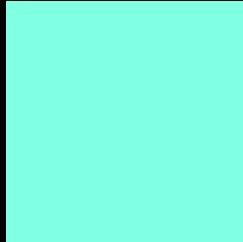
Large Text (above 18pt) WCAG AA × Fail

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 4286644194 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 4286644194 Background



This preview shows how black text looks on a background with the Android color 4286644194.

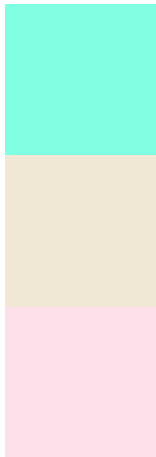


This preview shows how white text looks on a background with the Android color 4286644194.

# 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**  
4286644194

**Protanopia**  
4293978069

**Deuteranopia**  
4294828265

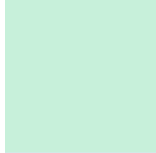


# Trichromacy



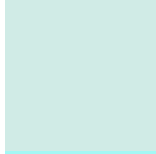
**Original Color**

4286644194



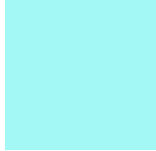
**Protanomaly**

4291293402



**Deuteranomaly**

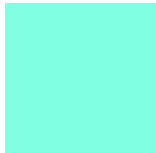
4291881958



**Tritanomaly**

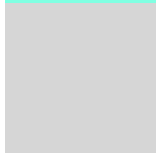
4288935924

# Monochromacy



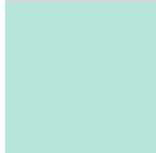
**Original Color**

4286644194



**Achromatopsia**

4292269782



**Achromatomaly**

4290242010

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286644194 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 226) }
```

## Border

The CSS property to change the border of an element to Android 4286644194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

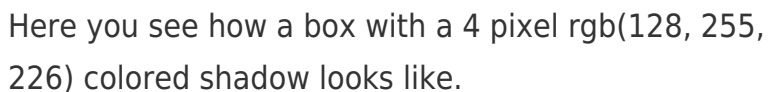
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 255, 226) }
```

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

```
.border{ border-color:rgb(128, 255, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 255, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 255, 226); box-shadow:4px 4px 4px 4px rgb(128, 255, 226) }
```

# Background

The CSS property to change the background color of an element to Android 4286644194 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, 226) }
```

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

```
.background{ background-color: rgb(128,  
255, 226) }
```

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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