

# Converting Colors

Android(4286835146)

Have a look what the booklet for  
Android(4286835146) contains.

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# **Color**

**Android(4286835146)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 83E9CA                       |
| RGB         | 131, 233, 202                |
| RGB Percent | 51%, 91%, 79%                |
| CMY         | 0.4863, 0.0863, 0.2078       |
| CMYK        | 0.44, 0.00, 0.13, 0.09       |
| HSL         | 162°, 70%, 71%               |
| HSV         | 162°, 44%, 91%               |
| XYZ         | 49.1597, 67.3674, 66.2893    |
| YIQ         | 198.9680, -50.8410, -31.2650 |

# Conversions

## Conversions Part 2

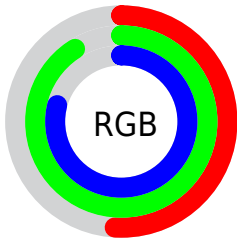
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | <b>131, 191, 233</b>          |
| Decimal                             | 8645066                       |
| CIELab                              | 85.69, -36.96, 5.82           |
| CIELCh                              | 86, 37.417, 171.055           |
| Yxy                                 | 67.3674, 0.2689,<br>0.3685    |
| Android<br>(android.graphics.Color) | 4286835146<br>(0xFF83E9CA)    |
| YUV                                 | 198.9680, 1.4948,<br>-59.6079 |
| Hunter-Lab                          | 82.0776, -36.7249,<br>9.5693  |

# Details

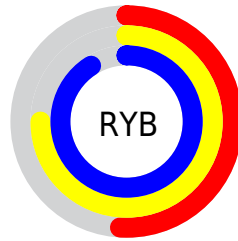
The Android color `4286835146` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4293493666`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4290576383`, and `4283019668` is the 20% darker color. If you saturate the color by 10%, you get `4285327811`, and if you desaturate by 10%, it is `4288342481`.

# Distribution



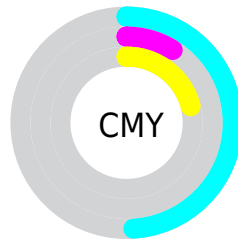
- Red (51%)
- Green (91%)
- Blue (79%)



- Red (51%)
- Yellow (75%)
- Blue (91%)



- Cyan (44%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (49%)
- Magenta (9%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286835146 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 4286835146 by changing the saturation by 10% instead.





4286835146



4286835146

4294967295



4284992943



4290576383



4283019668



4292542463



4280915578



4294443007



4278221665



4278215242



4278208819



4278202910



4278197253



4278190080

 4286835146

 4286835146

 4285327811

 4288342481

 4283754940

 4289915352

 4282247605

 4291422687

 4280740270

 4292930022

 4279232935

 4294502893

 4278249890

 4294961652

 4294961660

 4294961663

# Harmonies

## Analogous

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



4289586345



4286835146



4284738030

# Triad

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



4286835146



4291613183



4294952353

# Complementary

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



4286835146



4293493666

# 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.



4294950334



4286835146



4294559231

# Square

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



4286835146



4288142847



4294950370



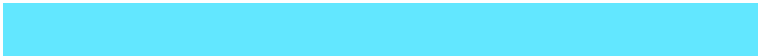
4294561936

# Rectangle

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



4286835146



4284671999



4294950370



4294951337

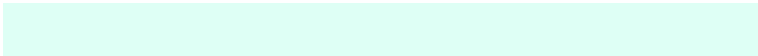


# Sweetspot

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



4286835146



4292804597



4288932227



4285235321



4278190080



4286611584



# Same Dimension

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



4286835146



4286119894



4286830313



4285166962



4278236542



4278203941



# Inverse Universe

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



4293493666



4294932641



4293498499



4285885037



4290052151



4281729040



# Previews

## White Background



This preview shows how the Android color 4286835146 looks on a white background.

## Color Contrast Check

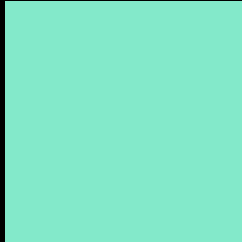
Large Text (above 18pt) WCAG AA × Fail

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 4286835146 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 4286835146 Background



This preview shows how black text looks on a background with the Android color 4286835146.

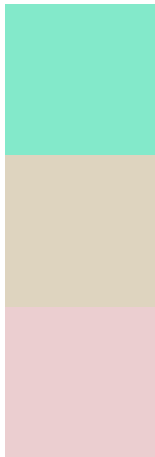


This preview shows how white text looks on a background with the Android color 4286835146.

# 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**  
4286835146

**Protanopia**  
4292793535

**Deuteranopia**  
4293643984

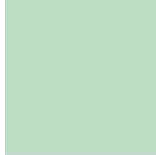


# Trichromacy



**Original Color**

4286835146



**Protanomaly**

4290632899



**Deuteranomaly**

4291156174



**Tritanomaly**

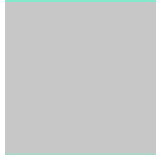
4287292901

# Monochromacy



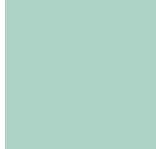
**Original Color**

4286835146



**Achromatopsia**

4291282887



**Achromatomaly**

4289647560

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286835146 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(131, 233, 202)` looks like.

```
.text, #text, p{  
    color:rgb(131, 233, 202)  
}
```

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(131, 233, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 233, 202) }
```

## Border

The CSS property to change the border of an element to Android 4286835146 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(131, 233, 202) }
```

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

```
.border{ border-color:rgb(131, 233, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 233, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 233, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 233, 202);  
box-shadow:4px 4px 4px 4px rgb(131, 233,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4286835146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 233, 202) }
```

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

```
.background{ background-color: rgb(131,  
233, 202) }
```

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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