

Converting Colors

Android(4286840283)

Have a look what the booklet for
Android(4286840283) contains.

Android(4286840283)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4286840283)

Conversions

Conversions Part 1

Format	Color
Hex	83FDDB
RGB	131, 253, 219
RGB Percent	51%, 99%, 86%
CMY	0.4863, 0.0078, 0.1412
CMYK	0.48, 0.00, 0.13, 0.01
HSL	163°, 97%, 75%
HSV	163°, 48%, 99%
XYZ	57.2715, 80.1903, 79.4776
YIQ	212.6460, -61.7980, -36.4380

Conversions

Conversions Part 2

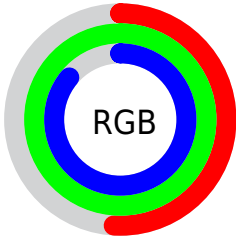
Format	Color
RYB	131, 202, 253
Decimal	8650203
CIELab	91.77, -42.21, 5.73
CIELCh	92, 42.599, 172.265
Yxy	80.1903, 0.2640, 0.3696
Android (android.graphics.Color)	4286840283 (0xFF83FDDB)
YUV	212.6460, 3.1325, -71.6035
Hunter-Lab	89.5491, -42.5503, 10.0626

Details

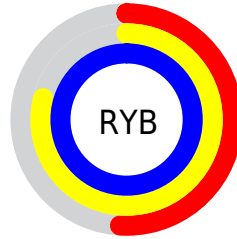
The Android color `4286840283` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4294804389`, and the grayscale version is `4292203989`.

A 20% lighter version of the original color is `4290707455`, and `4282762404` is the 20% darker color. If you saturate the color by 10%, you get `4285201876`, and if you desaturate by 10%, it is `4288478690`.

Distribution



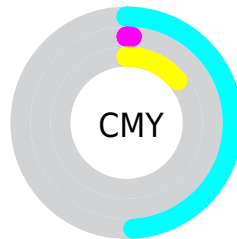
- Red (51%)
- Green (99%)
- Blue (86%)



- Red (51%)
- Yellow (79%)
- Blue (99%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (49%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286840283 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 4286840283 by changing the saturation by 10% instead.

 4286840283

 4286840283

4294967295

 4284866751

 4290707455

 4282762404

 4292673535

 4280199306

 4294639615

 4278226288

 4278219608

 4278213185

 4278206763

 4278201110

 4278193152

 4286840283


 4286840283

 4285201876

 4288478690

 4283497933

 4290182633

 4281859526

 4291821040

 4280221119

 4293459447

 4278582712

4294966782

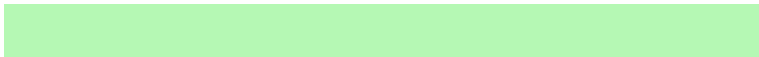
 4278255030

4294966783

Harmonies

Analogous

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



4290115764



4286840283



4284153343

Triad

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



4286840283



4292796927



4294955944

Complementary

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



4286840283



4294804389

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.



4294953674



4286840283



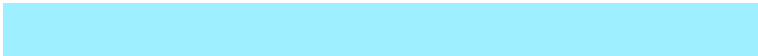
4294955775

Square

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



4286840283



4288606207



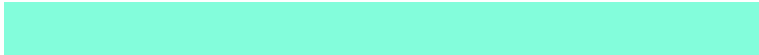
4294953460



4294959510

Rectangle

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



4286840283



4284021759



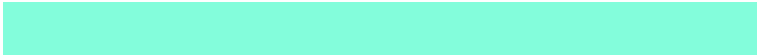
4294953460



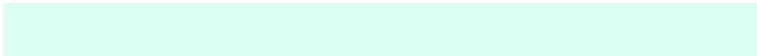
4294954930

Sweetspot

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



4286840283



4292607989



4289133955



4285169785



4278190080



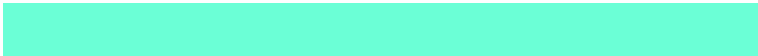
4286611584

Same Dimension

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



4286840283



4285267926



4286833661



4285759612



4278239114



4278206510

Inverse Universe

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



4294804389



4294929300



4294811011



4286608246



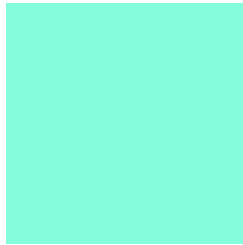
4290707509



4282384402

Previews

White Background



This preview shows how the Android color 4286840283 looks on a white background.

Color Contrast Check

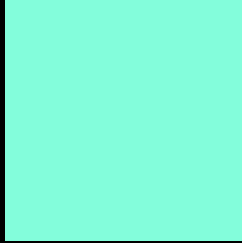
Large Text (above 18pt) WCAG AA × Fail

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 4286840283 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 4286840283 Background



This preview shows how black text looks on a background with the Android color 4286840283.

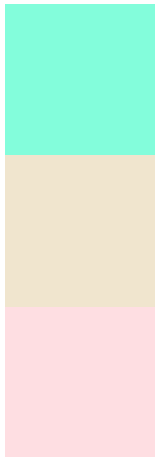


This preview shows how white text looks on a background with the Android color 4286840283.

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
4286840283

Protanopia
4293977550

Deuteranopia
4294893282



Tritanopia
4289917439

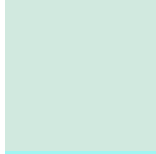
Trichromacy



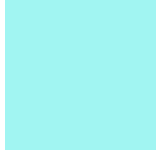
Original Color
4286840283



Protanomaly
4291358419

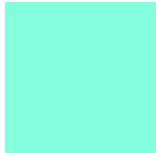


Deuteranomaly
4291946975

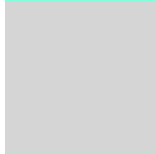


Tritanomaly
4288804338

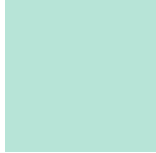
Monochromacy



Original Color
4286840283



Achromatopsia
4292203989



Achromatomaly
4290241751

CSS Examples

Text

The CSS property to change the color of the text to Android 4286840283 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, 253, 219)` looks like.

```
.text, #text, p{  
    color:rgb(131, 253, 219)  
}
```

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, 253, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 253, 219) }
```

Border

The CSS property to change the border of an element to Android 4286840283 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, 253, 219) }
```

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

```
.border{ border-color:rgb(131, 253, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 253, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 253, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 253, 219); box-shadow:4px 4px 4px 4px rgb(131, 253, 219) }
```

Background

The CSS property to change the background color of an element to Android 4286840283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 253, 219) }
```

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

```
.background{ background-color: rgb(131,  
253, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor