

Converting Colors

Android(4286964680)

Have a look what the booklet for
Android(4286964680) contains.

Android(4286964680)	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(4286964680)

Conversions

Conversions Part 1

Format	Color
Hex	85E3C8
RGB	133, 227, 200
RGB Percent	52%, 89%, 78%
CMY	0.4784, 0.1098, 0.2157
CMYK	0.41, 0.00, 0.12, 0.11
HSL	163°, 63%, 71%
HSV	163°, 41%, 89%
XYZ	47.5673, 64.0948, 64.5081
YIQ	195.8160, -47.3570, -28.3250

Conversions

Conversions Part 2

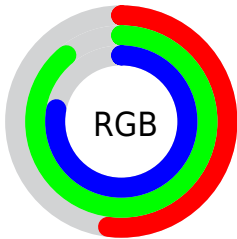
Format	Color
RYB	133, 188, 227
Decimal	8774600
CIELab	84.02, -34.13, 4.46
CIELCh	84, 34.418, 172.549
Yxy	64.0948, 0.2700, 0.3638
Android (android.graphics.Color)	4286964680 (0xFF85E3C8)
YUV	195.8160, 2.0627, -55.0896
Hunter-Lab	80.0593, -34.0478, 8.2683

Details

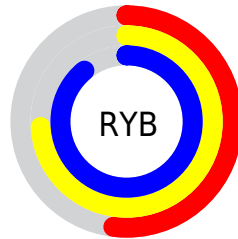
The Android color `4286964680` is a light color, and the websafe version is hex `99FFCC`. A complement of this color would be `4293100960`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4290707455`, and `4283280274` is the 20% darker color. If you saturate the color by 10%, you get `4285457345`, and if you desaturate by 10%, it is `4288472015`.

Distribution



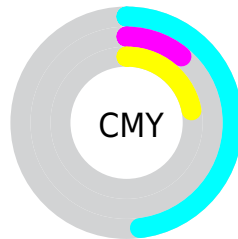
- Red (52%)
- Green (89%)
- Blue (78%)



- Red (52%)
- Yellow (74%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (48%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286964680 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 4286964680 by changing the saturation by 10% instead.

 4286964680

 4286964680

4294967295

 4285122477

 4290707455

 4283280274

 4292607999

 4281307256

 4294508543

 4278285920

 4278213960

 4278207794

 4278201885

 4278195971

 4278190080

 4286964680

 4286964680


 4285457345

 4288472015

 4284015547

 4289913813

 4282508212

 4291421148

 4281000878

 4292928482

 4279493543

 4294435817

 4278248354

 4294960111

 4294960118

 4294960124

 4294960127

Harmonies

Analogous

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



4289388457



4286964680



4285326313

Triad

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



4286964680



4291546367



4294951583

Complementary

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



4286964680



4293100960

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.



4294949818



4286964680



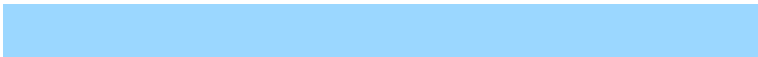
4294164985

Square

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



4286964680



4288403455



4294949595



4293971345

Rectangle

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



4286964680



4285391356



4294949595



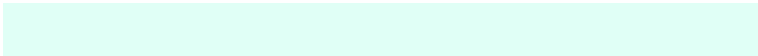
4294950823

Sweetspot

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



4286964680



4292935670



4288799621



4285431930



4278190080



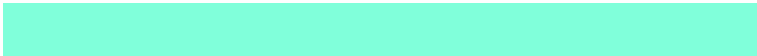
4286611584

Same Dimension

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



4286964680



4286644186



4286959843



4284969839



4278236031



4278203172

Inverse Universe

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



4293100960



4294934692



4293105797



4285753195



4289921075



4281532431

Previews

White Background



This preview shows how the Android color 4286964680 looks on a white background.

Color Contrast Check

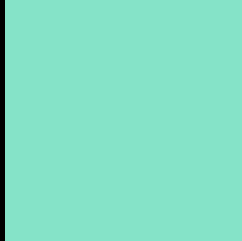
Large Text (above 18pt) WCAG AA × Fail

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 4286964680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

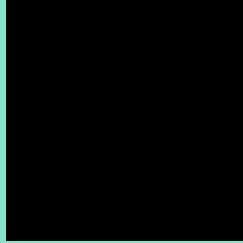
Any Text WCAG AA ✓ Pass

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 4286964680 Background



This preview shows how black text looks on a background with the Android color 4286964680.



This preview shows how white text looks on a background with the Android color 4286964680.

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



Trichromacy



Original Color

4286964680



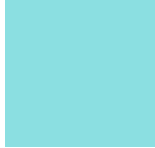
Protanomaly

4290435010



Deuteranomaly

4291023819



Tritanomaly

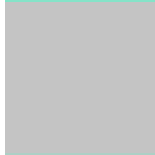
4287356897

Monochromacy



Original Color

4286964680



Achromatopsia

4291085508



Achromatomaly

4289580997

CSS Examples

Text

The CSS property to change the color of the text to Android 4286964680 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(133, 227, 200)` looks like.

```
.text, #text, p{  
    color:rgb(133, 227, 200)  
}
```

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(133, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 227, 200) }
```

Border

The CSS property to change the border of an element to Android 4286964680 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(133, 227, 200) }
```

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

```
.border{ border-color:rgb(133, 227, 200) }
```

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

Here you see how a box with a 4 pixel rgb(133, 227, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 227, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 227, 200);  
box-shadow:4px 4px 4px 4px rgb(133, 227,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4286964680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 227, 200) }
```

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

```
.background{ background-color: rgb(133,  
227, 200) }
```

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