

# Converting Colors

Android(4280346814)

Have a look what the booklet for  
Android(4280346814) contains.

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# **Color**

**Android(4280346814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20E8BE
RGB	32, 232, 190
RGB Percent	13%, 91%, 75%
CMY	0.8745, 0.0902, 0.2549
CMYK	0.86, 0.00, 0.18, 0.09
HSL	167°, 81%, 52%
HSV	167°, 86%, 91%
XYZ	38.7465, 61.7380, 58.5897
YIQ	167.4120, -105.7180, -55.4620

# Conversions

## Conversions Part 2

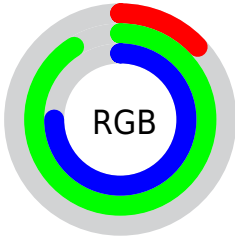
Format	Color
<b>RYB</b>	32, 144, 232
Decimal	2156734
CIELab	82.77, -55.01, 7.63
CIELCh	83, 55.537, 172.107
Yxy	61.7380, 0.2436, 0.3881
Android (android.graphics.Color)	4280346814 (0xFF20E8BE)
YUV	167.4120, 11.1359, -118.7563
Hunter-Lab	78.5735, -49.4810, 10.7909

# Details

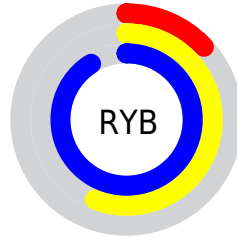
The Android color `4280346814` is a light color, and the websafe version is hex `33FFCC`. The color can be described as light washed spring green. A complement of this color would be `4293402698`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4285988854`, and `4278235017` is the 20% darker color. If you saturate the color by 10%, you get `4278839481`, and if you desaturate by 10%, it is `4281854147`.

# Distribution



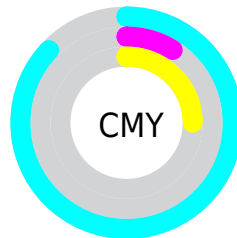
- Red (13%)
- Green (91%)
- Blue (75%)



- Red (13%)
- Yellow (56%)
- Blue (91%)



- Cyan (86%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)



- Cyan (87%)
- Magenta (9%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280346814 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 4280346814 by changing the saturation by 10% instead.



 4280346814

 4280346814

4294967295

 4278242211

 4285988854

 4278235017

 4288151551

 4278228079

 4290248703

 4278221143

 4292280319

 4278214464

 4294377471

 4278208042

 4278202389

 4278194432

 4278190080

■ 4280346814

■ 4280346814

■ 4278839481

■ 4281854147

■ 4278249655

■ 4283361480

■ 4284934349

■ 4286441681

■ 4287949014

■ 4289456347

■ 4290963680

■ 4292536549

■ 4294043882

# Harmonies

## Analogous

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



4287292044



4280346814



4278249972

# Triad

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



4280346814



4290627327



4294947709

# Complementary

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



4280346814



4293402698

# 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.



4294944170



4280346814



4294947583

# Square

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



4280346814



4283357439



4294943966



4294624869

# Rectangle

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



4280346814



4278249215



4294943966



4294946442

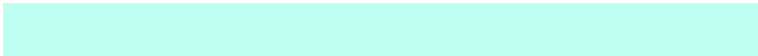


# Sweetspot

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



4280346814



4290641905



4283164704



4283990135



4278190080



4286611584



# Same Dimension

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



4280346814



4278255561



4280332264



4284969840



4278236045



4278203176



# Inverse Universe

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



4293402698



4294901814



4293417248



4285753194



4289921061

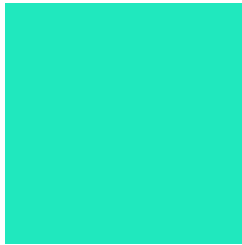


4281532427



# Previews

## White Background



This preview shows how the Android color 4280346814 looks on a white background.

## Color Contrast Check

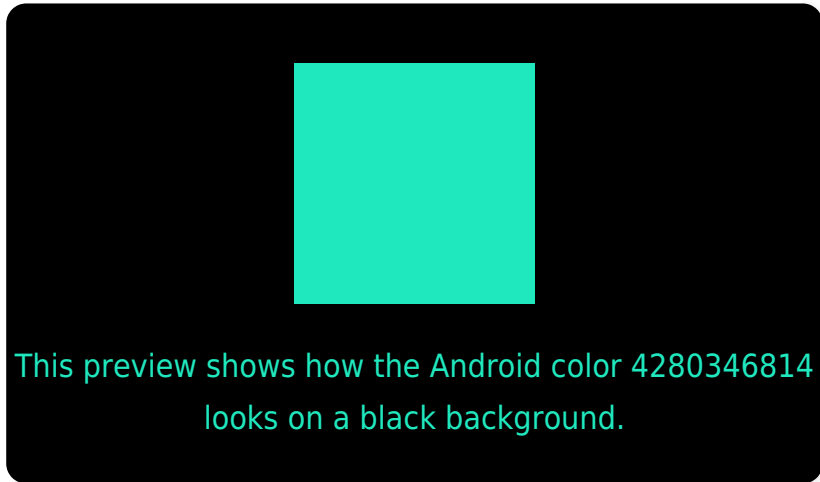
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

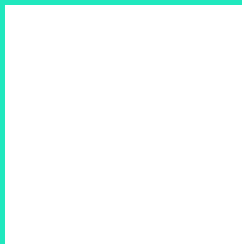
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280346814 Background



This preview shows how black text looks on a background with the Android color 4280346814.

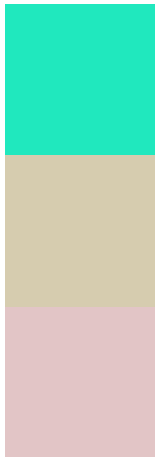


This preview shows how white text looks on a background with the Android color 4280346814.

# 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](#).

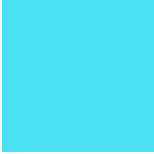
## Dichromacy



**Original Color**  
4280346814

**Protanopia**  
4292267183

**Deuteranopia**  
4293051846

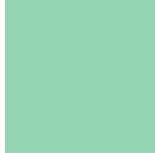


**Tritanopia**  
4283097587

# Trichromacy



**Original Color**  
4280346814



**Protanomaly**  
4287944372

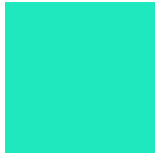


**Deuteranomaly**  
4288402115

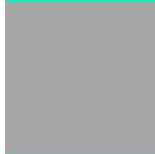


**Tritanomaly**  
4282115296

# Monochromacy



**Original Color**  
4280346814



**Achromatopsia**  
4289177511



**Achromatomaly**  
4285972399

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280346814 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(32, 232, 190)` looks like.

```
.text, #text, p{  
    color:rgb(32, 232, 190)  
}
```

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(32, 232, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 232, 190) }
```

## Border

The CSS property to change the border of an element to Android 4280346814 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(32, 232, 190) }
```

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

```
.border{ border-color:rgb(32, 232, 190) }
```

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

Here you see how a box with a 4 pixel rgb(32, 232, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 232, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 232, 190);  
box-shadow:4px 4px 4px 4px rgb(32, 232,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4280346814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 232, 190) }
```

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

```
.background{ background-color: rgb(32, 232,  
190) }
```

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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