

Converting Colors

Android(4280017865)

Have a look what the booklet for
Android(4280017865) contains.

Android(4280017865)	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(4280017865)

Conversions

Conversions Part 1

Format	Color
Hex	1BE3C9
RGB	27, 227, 201
RGB Percent	11%, 89%, 79%
CMY	0.8941, 0.1098, 0.2118
CMYK	0.88, 0.00, 0.11, 0.11
HSL	172°, 79%, 50%
HSV	172°, 88%, 89%
XYZ	38.4637, 59.3882, 64.6942
YIQ	164.2360, -110.8540, -50.4860

Conversions

Conversions Part 2

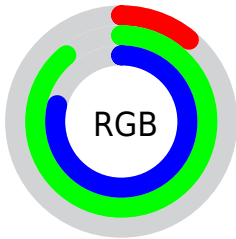
Format	Color
R _Y B	27, 134, 227
Decimal	1827785
CIE Lab	81.50, -50.44, -0.03
CIE LCh	82, 50.444, 180.030
Yxy	59.3882, 0.2366, 0.3654
Android (android.graphics.Color)	4280017865 (0xFF1BE3C9)
YUV	164.2360, 18.1247, -120.3560
Hunter-Lab	77.0638, -45.7695, 4.1713

Details

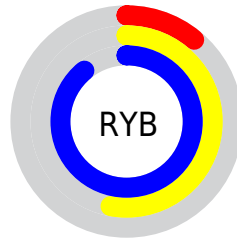
The Android color **4280017865** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **4293073717**, and the grayscale version is **4288980132**.

A 20% lighter version of the original color is **4285857791**, and **4278234003** is the 20% darker color. If you saturate the color by 10%, you get **4278510534**, and if you desaturate by 10%, it is **4281525196**.

Distribution



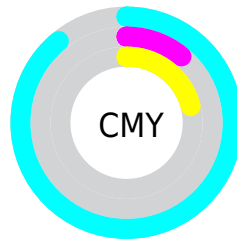
- Red (11%)
- Green (89%)
- Blue (79%)



- Red (11%)
- Yellow (53%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280017865 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 4280017865 by changing the saturation by 10% instead.



4280017865



4280017865

4294967295



4278240942



4285857791



4278234003



4288020479



4278226809



4290117631



4278220129



4292214783



4278213449



4294246399



4278207027



4278201374



4278192901



4278190080

■ 4280017865

■ 4280017865

■ 4278510534

■ 4281525196

■ 4278248389

■ 4282966991

■ 4284474322

■ 4285981653

■ 4287423448

■ 4288930779

■ 4290438110

■ 4291945441

■ 4293387236

Harmonies

Analogous

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



4286439322



4280017865



4278248184

Triad

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



4280017865



4291804927



4294948730

Complementary

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



4280017865



4293073717

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.



4294945182



4280017865



4294946299

Square

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



4280017865



4286500863



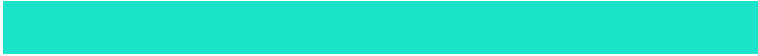
4294943948



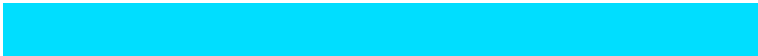
4293445738

Rectangle

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



4280017865



4278247167



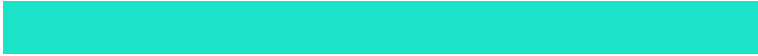
4294943948



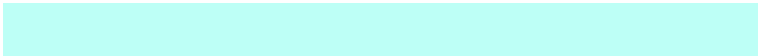
4294947460

Sweetspot

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



4280017865



4290641910



4281787163



4283990138



4278190080



4286611584

Same Dimension

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



4280017865



4278255582



4279999203



4284969841



4278236059



4278203180

Inverse Universe

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



4293073717



4294901793



4293092379



4285753193



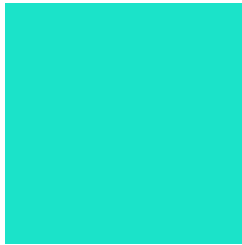
4289921047



4281532423

Previews

White Background



This preview shows how the Android color 4280017865 looks on a white background.

Color Contrast Check

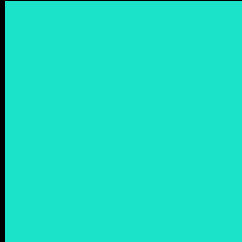
Large Text (above 18pt) WCAG AA × Fail

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 4280017865 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

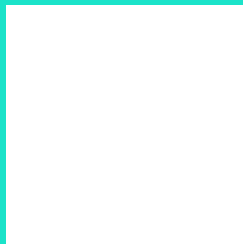
Any Text WCAG AAA ✓ Pass

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

Android 4280017865 Background



This preview shows how black text looks on a background with the Android color 4280017865.



This preview shows how white text looks on a background with the Android color 4280017865.

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

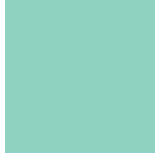


Trichromacy



Original Color

4280017865



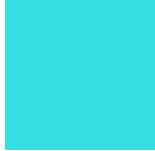
Protanomaly

4287550143



Deuteranomaly

4287942605



Tritanomaly

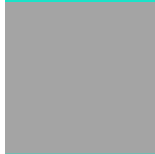
4281589729

Monochromacy



Original Color

4280017865



Achromatopsia

4288980132



Achromatomaly

4285709233

CSS Examples

Text

The CSS property to change the color of the text to Android 4280017865 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(27, 227, 201)` looks like.

```
.text, #text, p{  
    color:rgb(27, 227, 201)  
}
```

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(27, 227, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 227, 201) }
```

Border

The CSS property to change the border of an element to Android 4280017865 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(27, 227, 201) }
```

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

```
.border{ border-color:rgb(27, 227, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 227, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 227, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 227, 201);  
box-shadow:4px 4px 4px 4px rgb(27, 227,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4280017865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 227, 201) }
```

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

```
.background{ background-color: rgb(27, 227,  
201) }
```

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