

Converting Colors

Android(4280011970)

Have a look what the booklet for
Android(4280011970) contains.

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Color

Android(4280011970)

Conversions

Conversions Part 1

Format	Color
Hex	1BCCC2
RGB	27, 204, 194
RGB Percent	11%, 80%, 76%
CMY	0.8941, 0.2000, 0.2392
CMYK	0.87, 0.00, 0.05, 0.20
HSL	177°, 77%, 45%
HSV	177°, 87%, 80%
XYZ	31.7825, 47.3138, 58.4963
YIQ	149.9370, -102.2820, -40.6340

Conversions

Conversions Part 2

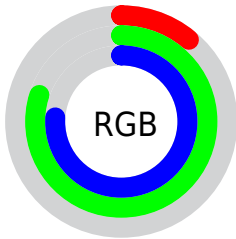
Format	Color
RYB	27, 118, 204
Decimal	1821890
CIELab	74.39, -42.57, -6.74
CIELCh	74, 43.097, 189.000
Yxy	47.3138, 0.2310, 0.3439
Android (android.graphics.Color)	4280011970 (0xFF1BCCC2)
YUV	149.9370, 21.7231, -107.8157
Hunter-Lab	68.7850, -37.8970, -2.2720

Details

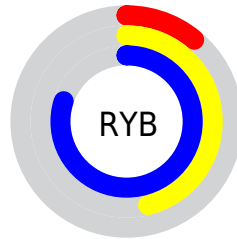
The Android color **4280011970** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4291566373**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4285530106**, and **4278228365** is the 20% darker color. If you saturate the color by 10%, you get **4278701249**, and if you desaturate by 10%, it is **4281322691**.

Distribution



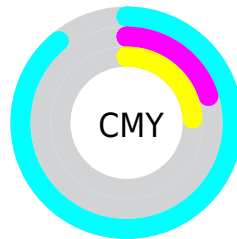
- Red (11%)
- Green (80%)
- Blue (76%)



- Red (11%)
- Yellow (46%)
- Blue (80%)



- Cyan (87%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (89%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280011970 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 4280011970 by changing the saturation by 10% instead.

 4280011970

 4280011970

4294967295

 4278235303

 4285530106


 4278228365

 4287692799

 4278221427

 4289724415

 4278215003

 4291756031

 4278208579

 4293787647

 4278202669

 4278196505

 4278190080

 4280011970

 4280011970

■ 4278701249

■ 4281322691

■ 4278242496

■ 4282698948

■ 4284009669

■ 4285385927

■ 4286696648

■ 4288007369

■ 4289383626

■ 4290694347

■ 4292070604

Harmonies

Analogous

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



4284992153



4280011970



4278242024

Triad

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



4280011970



4291537141



4293438317

Complementary

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



4280011970



4291566373

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.



4294876807



4280011970



4294089940

Square

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



4280011970



4287674367



4294940588



4291148135

Rectangle

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



4280011970



4279748346



4294940588



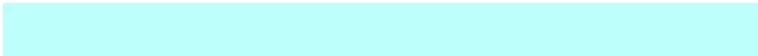
4294026868

Sweetspot

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



4280011970



4290641915



4280798235



4283990141



4278190080



4286611584

Same Dimension

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



4280011970



4278255601



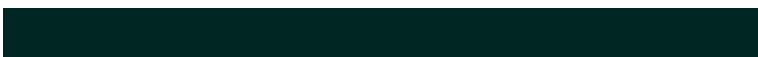
4279992268



4284245605



4278232732



4278199844

Inverse Universe

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



4291566373



4294901774



4291586075



4284898396



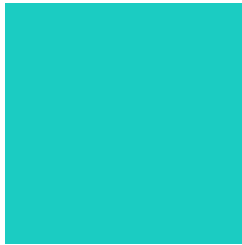
4289069065



4280680450

Previews

White Background



This preview shows how the Android color 4280011970 looks on a white background.

Color Contrast Check

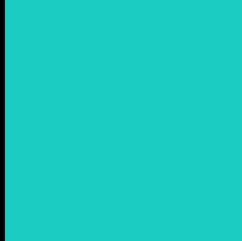
Large Text (above 18pt) WCAG AA × Fail

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 4280011970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

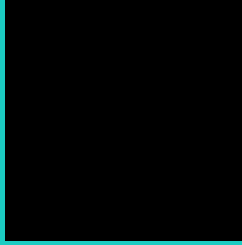
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

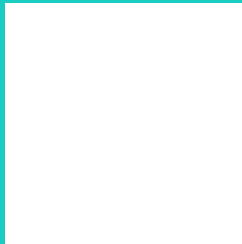
Any Text WCAG AAA ✓ Pass

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

Android 4280011970 Background



This preview shows how black text looks on a background with the Android color 4280011970.

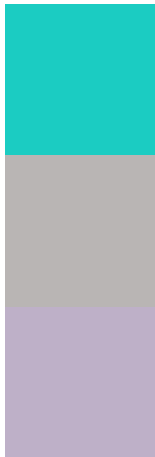


This preview shows how white text looks on a background with the Android color 4280011970.

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
4280011970

Protanopia
4290360756

Deuteranopia
4290687176

Trichromacy



Original Color

4280011970



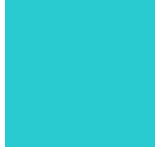
Protanomaly

4286627257



Deuteranomaly

4286823110



Tritanomaly

4280994513

Monochromacy



Original Color

4280011970



Achromatopsia

4288059030



Achromatomaly

4285115046

CSS Examples

Text

The CSS property to change the color of the text to Android 4280011970 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, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(27, 204, 194)  
}
```

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, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 204, 194) }
```

Border

The CSS property to change the border of an element to Android 4280011970 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, 204, 194) }
```

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

```
.border{ border-color:rgb(27, 204, 194) }
```

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

Here you see how a box with a 4 pixel rgb(27, 204, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(27, 204,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4280011970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 204, 194) }
```

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

```
.background{ background-color: rgb(27, 204,  
194) }
```

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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