

# Converting Colors

Android(4280471738)

Have a look what the booklet for  
Android(4280471738) contains.

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# **Color**

**Android(4280471738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22D0BA
RGB	34, 208, 186
RGB Percent	13%, 82%, 73%
CMY	0.8667, 0.1843, 0.2706
CMYK	0.84, 0.00, 0.11, 0.18
HSL	172°, 72%, 47%
HSV	172°, 84%, 82%
XYZ	32.0785, 48.9970, 54.2210
YIQ	153.4660, -96.6420, -43.7300

# Conversions

## Conversions Part 2

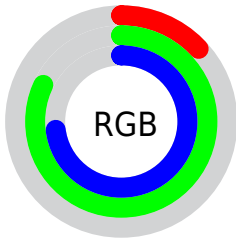
Format	Color
<a href="#">RYB</a>	<a href="#">34, 127, 208</a>
Decimal	<a href="#">2281658</a>
CIELab	<a href="#">75.45, -46.06, -0.85</a>
CIELCh	<a href="#">75, 46.067, 181.062</a>
Yxy	<a href="#">48.9970, 0.2371, 0.3621</a>
Android (android.graphics.Color)	<a href="#">4280471738</a> ( <a href="#">0xFF22D0BA</a> )
YUV	<a href="#">153.4660, 16.0393, -104.7717</a>
Hunter-Lab	<a href="#">69.9979, -40.6936, 3.0719</a>

# Details

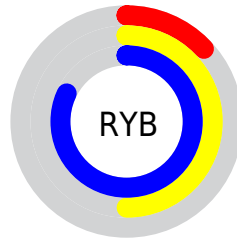
The Android color **4280471738** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **4291830328**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4285726706**, and **4278229381** is the 20% darker color. If you saturate the color by 10%, you get **4279095479**, and if you desaturate by 10%, it is **4281847997**.

# Distribution



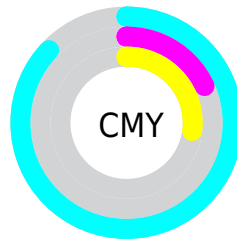
- Red (13%)
- Green (82%)
- Blue (73%)



- Red (13%)
- Yellow (50%)
- Blue (82%)



- Cyan (84%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (87%)
- Magenta (18%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280471738 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 4280471738 by changing the saturation by 10% instead.



 4280471738

 4280471738

4294967295

 4278236319

 4285726706

 4278229381

 4287823871

 4278222444

 4289855487

 4278215764

 4291887103

 4278209341

 4293918719

 4278203175

 4278197267

 4278190080

 4280471738

 4280471738

■ 4279095479

■ 4281847997

■ 4278243510

■ 4283224255

■ 4284534978

■ 4285911237

■ 4287287495

■ 4288663754

■ 4290040012

■ 4291350735

■ 4292726994

# Harmonies

## Analogous

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



4285779087



4280471738



4278243300

# Triad

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



4280471738



4290817791



4294289776

# Complementary

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



4280471738



4291830328

# 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.



4294941840



4280471738



4293959652

# Square

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



4280471738



4286168831



4294940858



4292065379

# Rectangle

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



4280471738



4278242555



4294940858



4294878329

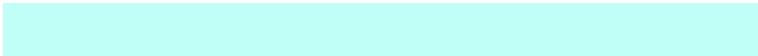


# Sweetspot

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



4280471738



4290772983



4281978914



4284055675



4278190080



4286611584



# Same Dimension

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



4280471738



4278255583



4280455376



4284377447



4278233235



4278200612



# Inverse Universe

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



4291830328



4294901792



4291846690



4285095519



4289200149

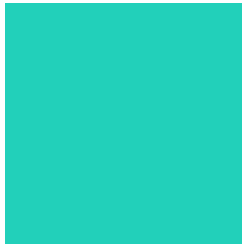


4280877061



# Previews

## White Background



This preview shows how the Android color 4280471738 looks on a white background.

## Color Contrast Check

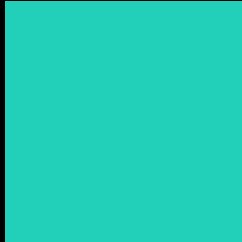
Large Text (above 18pt) WCAG AA × Fail

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 4280471738 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

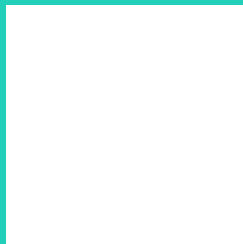
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280471738 Background



This preview shows how black text looks on a background with the Android color 4280471738.



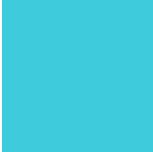
This preview shows how white text looks on a background with the Android color 4280471738.

# 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



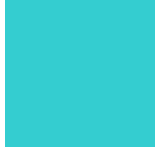
**Original Color**  
4280471738



**Protanomaly**  
4286955953



**Deuteranomaly**  
4287282878



**Tritanomaly**  
4281650640

# Monochromacy



**Original Color**  
4280471738



**Achromatopsia**  
4288256409



**Achromatomaly**  
4285443493

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280471738 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(34, 208, 186)` looks like.

```
.text, #text, p{  
    color:rgb(34, 208, 186)  
}
```

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(34, 208, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 208, 186) }
```

## Border

The CSS property to change the border of an element to Android 4280471738 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(34, 208, 186) }
```

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

```
.border{ border-color:rgb(34, 208, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 208, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 208, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 208, 186);  
box-shadow:4px 4px 4px 4px rgb(34, 208,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4280471738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 208, 186) }
```

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

```
.background{ background-color: rgb(34, 208,  
186) }
```

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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