

Converting Colors

Android(4280012973)

Have a look what the booklet for
Android(4280012973) contains.

Android(4280012973)	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(4280012973)

Conversions

Conversions Part 1

Format	Color
Hex	1BD0AD
RGB	27, 208, 173
RGB Percent	11%, 82%, 68%
CMY	0.8941, 0.1843, 0.3216
CMYK	0.87, 0.00, 0.17, 0.18
HSL	168°, 77%, 46%
HSV	168°, 87%, 82%
XYZ	30.5507, 48.3619, 47.2598
YIQ	149.8910, -96.6410, -49.2570

Conversions

Conversions Part 2

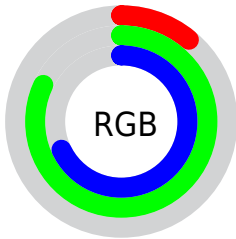
Format	Color
RYB	27, 127, 208
Decimal	1822893
CIELab	75.05, -49.97, 5.56
CIELCh	75, 50.274, 173.652
Yxy	48.3619, 0.2421, 0.3833
Android (android.graphics.Color)	4280012973 (0xFF1BD0AD)
YUV	149.8910, 11.3927, -107.7754
Hunter-Lab	69.5427, -43.2832, 8.3877

Details

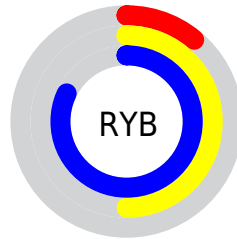
The Android color **4280012973** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **4291828542**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4285464548**, and **4278229113** is the 20% darker color. If you saturate the color by 10%, you get **4278636713**, and if you desaturate by 10%, it is **4281389233**.

Distribution



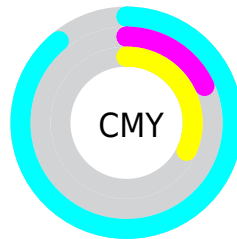
- Red (11%)
- Green (82%)
- Blue (68%)



- Red (11%)
- Yellow (50%)
- Blue (82%)



- Cyan (87%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (89%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280012973 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 4280012973 by changing the saturation by 10% instead.

 4280012973

 4280012973

4294967295

 4278236306

 4285464548

 4278229113

 4287561727

 4278222432

 4289658879

 4278215752

 4291690495

 4278209330

 4293656575

 4278203165

 4278196740

 4278190080

 4280012973

 4280012973

■ 4278636713

■ 4281389233

■ 4278243496

■ 4282765493

■ 4284076217

■ 4285452477

■ 4286828737

■ 4288204997

■ 4289581257

■ 4290891981

■ 4292268241

Harmonies

Analogous

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



4286172032



4280012973



4278243548

Triad

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



4280012973



4289573119



4294943344

Complementary

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



4280012973



4291828542

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.



4294940054



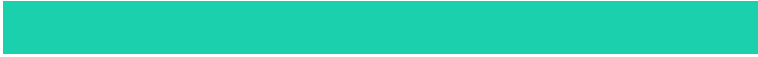
4280012973



4293500912

Square

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



4280012973



4283548159



4294939589



4292784987

Rectangle

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



4280012973



4278243063



4294939589



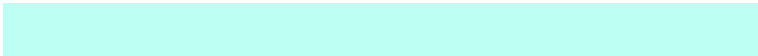
4294942075

Sweetspot

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



4280012973



4290641906



4282372123



4283990136



4278190080



4286611584

Same Dimension

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



4280012973



4278255566



4279999184



4284377447



4278233224



4278200609

Inverse Universe

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



4291828542



4294901809



4291842331



4285095520



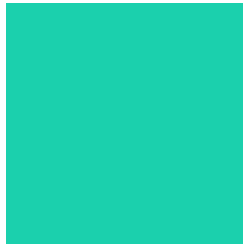
4289200161



4280877064

Previews

White Background



This preview shows how the Android color 4280012973 looks on a white background.

Color Contrast Check

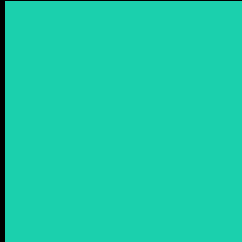
Large Text (above 18pt) WCAG AA × Fail

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 4280012973 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

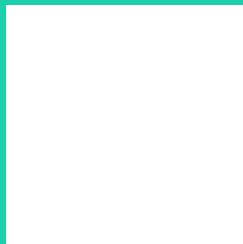
Any Text WCAG AAA ✓ Pass

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

Android 4280012973 Background



This preview shows how black text looks on a background with the Android color 4280012973.

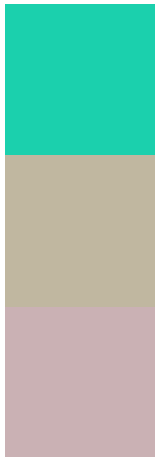


This preview shows how white text looks on a background with the Android color 4280012973.

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
4280012973

Protanopia
4290820000

Deuteranopia
4291473844

Trichromacy



Original Color

4280012973



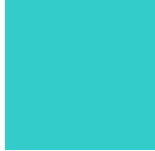
Protanomaly

4286890149



Deuteranomaly

4287282353



Tritanomaly

4281584842

Monochromacy



Original Color

4280012973



Achromatopsia

4288059030



Achromatomaly

4285115294

CSS Examples

Text

The CSS property to change the color of the text to Android 4280012973 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, 208, 173)` looks like.

```
.text, #text, p{  
    color:rgb(27, 208, 173)  
}
```

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, 208, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 208, 173) }
```

Border

The CSS property to change the border of an element to Android 4280012973 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, 208, 173) }
```

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

```
.border{ border-color:rgb(27, 208, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 208, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 208, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 208, 173);  
box-shadow:4px 4px 4px 4px rgb(27, 208,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4280012973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 208, 173) }
```

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

```
.background{ background-color: rgb(27, 208,  
173) }
```

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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