

Converting Colors

Android(4280132001)

Have a look what the booklet for
Android(4280132001) contains.

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Color

Android(4280132001)

Conversions

Conversions Part 1

Format	Color
Hex	1DA1A1
RGB	29, 161, 161
RGB Percent	11%, 63%, 63%
CMY	0.8863, 0.3686, 0.3686
CMYK	0.82, 0.00, 0.00, 0.37
HSL	180°, 69%, 37%
HSV	180°, 82%, 63%
XYZ	19.6846, 28.3242, 38.1478
YIQ	121.5320, -78.6720, -27.9840

Conversions

Conversions Part 2

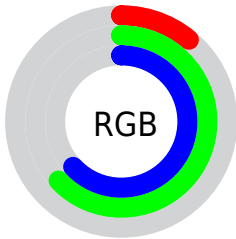
Format	Color
R_{YB}	29, 95, 161
Decimal	1941921
CIE _{Lab}	60.18, -32.54, -9.65
CIE _{LCh}	60, 33.941, 196.515
Yxy	28.3242, 0.2285, 0.3288
Android (android.graphics.Color)	4280132001 (0xFF1DA1A1)
YUV	121.5320, 19.4577, -81.1506
Hunter-Lab	53.2204, -27.1142, -5.2441

Details

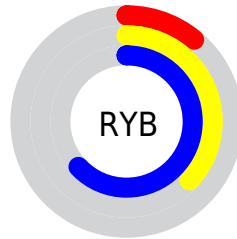
The Android color `4280132001` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288748829`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4284864728`, and `4278218094` is the 20% darker color. If you saturate the color by 10%, you get `4279083425`, and if you desaturate by 10%, it is `4281180577`.

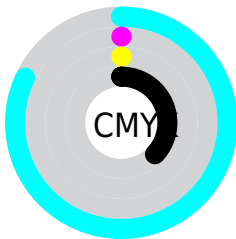
Distribution



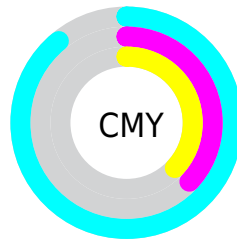
- Red (11%)
- Green (63%)
- Blue (63%)



- Red (11%)
- Yellow (37%)
- Blue (63%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (89%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280132001 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 4280132001 by changing the saturation by 10% instead.



4280132001



4280132001

4294967295



4278224519



4284864728



4278218094



4286838260



4278211669



4288806911



4278205502



4290772991



4278199848



4292739071



4278190613



4294705151



4278190080



4280132001



4280132001



4279083425



4281180577

■ 4278231457

■ 4282229153

■ 4283277729

■ 4284326305

■ 4285440417

■ 4286488993

■ 4287537569

■ 4288586145

■ 4289634721

Harmonies

Analogous

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



4283211906



4280132001



4279475900

Triad

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



4280132001



4289299386



4289825623

Complementary

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



4280132001



4288748829

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.



4291068007



4280132001



4291001248

Square

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



4280132001



4286615242



4291590786



4287927383

Rectangle

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



4280132001



4282031047



4291590786



4290283355

Sweetspot

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



4280132001



4288532945



4280131869



4283001193



4293454056



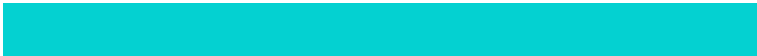
4285098345

Same Dimension

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



4280132001



4278505937



4280115105



4282995282



4278227345



4278194706

Inverse Universe

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



4288748961



4291888337



4288765725



4283582802



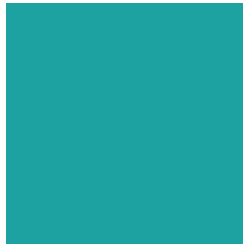
4287692945



4279369746

Previews

White Background



This preview shows how the Android color 4280132001 looks on a white background.

Color Contrast Check

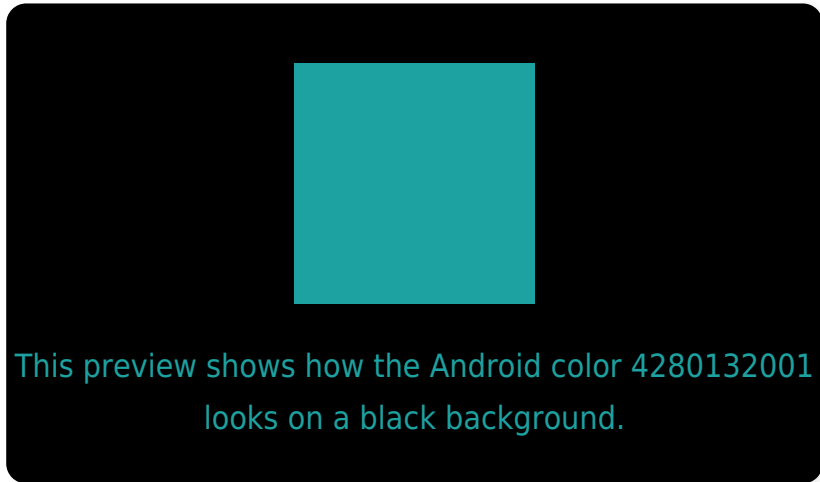
Large Text (above 18pt) WCAG AA ✓ Pass

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

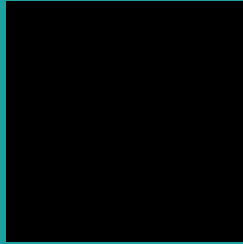
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4280132001 Background



This preview shows how black text looks on a background with the Android color 4280132001.

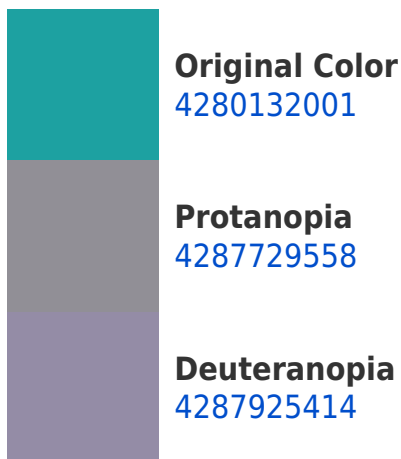


This preview shows how white text looks on a background with the Android color 4280132001.

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

4280132001



Protanomaly

4284978842



Deuteranomaly

4285109412



Tritanomaly

4280590504

Monochromacy



Original Color

4280132001



Achromatopsia

4286216826



Achromatomaly

4283992200

CSS Examples

Text

The CSS property to change the color of the text to Android 4280132001 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(29, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(29, 161, 161)  
}
```

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(29, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 161, 161) }
```

Border

The CSS property to change the border of an element to Android 4280132001 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(29, 161, 161) }
```

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

```
.border{ border-color:rgb(29, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(29, 161,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4280132001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 161, 161) }
```

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

```
.background{ background-color: rgb(29, 161,  
161) }
```

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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