

Converting Colors

Android(4280397994)

Have a look what the booklet for
Android(4280397994) contains.

Android(4280397994)	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(4280397994)

Conversions

Conversions Part 1

Format	Color
Hex	21B0AA
RGB	33, 176, 170
RGB Percent	13%, 69%, 67%
CMY	0.8706, 0.3098, 0.3333
CMYK	0.81, 0.00, 0.03, 0.31
HSL	177°, 68%, 41%
HSV	177°, 81%, 69%
XYZ	23.4082, 34.2763, 43.4125
YIQ	132.5590, -83.3020, -32.1820

Conversions

Conversions Part 2

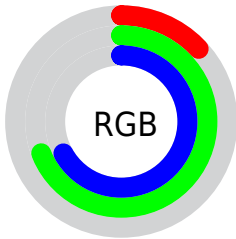
Format	Color
R_{YB}	33, 106, 176
Decimal	2207914
CIE _{Lab}	65.18, -36.51, -7.23
CIE _{LCh}	65, 37.219, 191.209
Yxy	34.2763, 0.2315, 0.3390
Android (android.graphics.Color)	4280397994 (0xFF21B0AA)
YUV	132.5590, 18.4584, -87.3132
Hunter-Lab	58.5459, -31.0863, -2.9820

Details

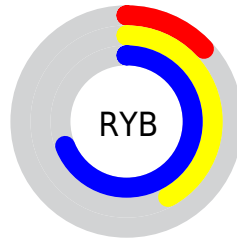
The Android color `4280397994` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289732903`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4285196513`, and `4278221686` is the 20% darker color. If you saturate the color by 10%, you get `4279218345`, and if you desaturate by 10%, it is `4281577643`.

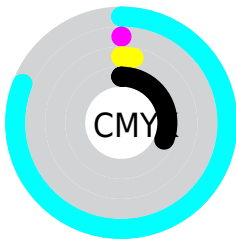
Distribution



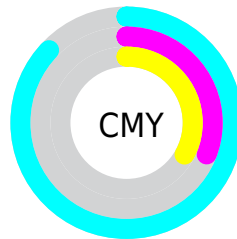
- Red (13%)
- Green (69%)
- Blue (67%)



- Red (13%)
- Yellow (42%)
- Blue (69%)



- Cyan (81%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (87%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280397994 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 4280397994 by changing the saturation by 10% instead.



4280397994



4280397994

4294967295



4278228368



4285196513



4278221686



4287234046



4278215005



4289200127



4278208838



4291166207



4278202672



4293197823



4278197019



4278190080



4280397994



4280397994



4279218345



4281577643

■ 4278235305

■ 4282691755

■ 4283871404

■ 4284985517

■ 4286165166

■ 4287344814

■ 4288458927

■ 4289638576

■ 4290752689

Harmonies

Analogous

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



4284001928



4280397994



4278234825

Triad

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



4280397994



4289892816



4291204447

Complementary

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



4280397994



4289732903

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.



4292512372



4280397994



4291987380

Square

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



4280397994



4286750175



4292838547



4289241180

Rectangle

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



4280397994



4281182936



4292838547



4291727717

Sweetspot

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



4280397994



4289652451



4280856609



4283528049



4294111986



4285756275

Same Dimension

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



4280397994



4278576860



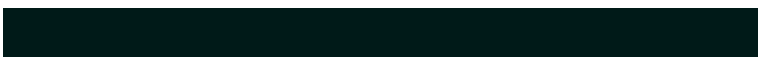
4280381616



4283455833



4278229395



4278196760

Inverse Universe

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



4289732903



4293264654



4289749281



4284043345



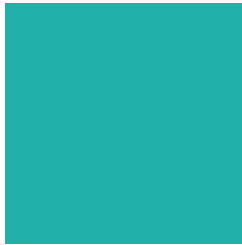
4288217094



4279894017

Previews

White Background



This preview shows how the Android color 4280397994 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 4280397994 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

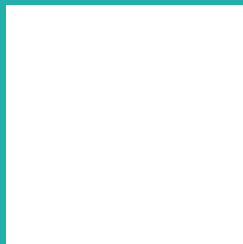
Any Text WCAG AAA ✓ Pass

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

Android 4280397994 Background



This preview shows how black text looks on a background with the Android color 4280397994.

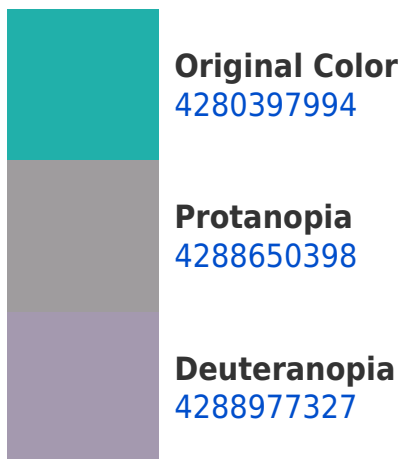


This preview shows how white text looks on a background with the Android color 4280397994.

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

4280397994



Protanomaly

4285637538



Deuteranomaly

4285833645



Tritanomaly

4281052853

Monochromacy



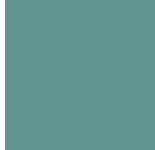
Original Color

4280397994



Achromatopsia

4286940549



Achromatomaly

4284585362

CSS Examples

Text

The CSS property to change the color of the text to Android 4280397994 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(33, 176, 170)` looks like.

```
.text, #text, p{  
    color:rgb(33, 176, 170)  
}
```

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(33, 176, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 176, 170) }
```

Border

The CSS property to change the border of an element to Android 4280397994 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(33, 176, 170) }
```

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

```
.border{ border-color:rgb(33, 176, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 176, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(33, 176, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(33, 176, 170); box-shadow:4px 4px 4px 4px rgb(33, 176, 170) }
```

Background

The CSS property to change the background color of an element to Android 4280397994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 176, 170) }
```

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

```
.background{ background-color: rgb(33, 176,  
170) }
```

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