

Converting Colors

Android(4280924866)

Have a look what the booklet for
Android(4280924866) contains.

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Color

Android(4280924866)

Conversions

Conversions Part 1

Format	Color
Hex	29BAC2
RGB	41, 186, 194
RGB Percent	16%, 73%, 76%
CMY	0.8392, 0.2706, 0.2392
CMYK	0.79, 0.04, 0.00, 0.24
HSL	183°, 65%, 46%
HSV	183°, 79%, 76%
XYZ	28.2110, 39.4843, 57.1733
YIQ	143.5570, -88.9880, -28.2520

Conversions

Conversions Part 2

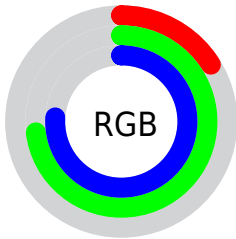
Format	Color
R_{YB}	41, 115, 194
Decimal	2734786
CIE _{Lab}	69.10, -33.29, -14.63
CIE _{LCh}	69, 36.359, 203.721
Yxy	39.4843, 0.2259, 0.3162
Android (android.graphics.Color)	4280924866 (0xFF29BAC2)
YUV	143.5570, 24.8684, -89.9425
Hunter-Lab	62.8365, -29.8249, -9.9609

Details

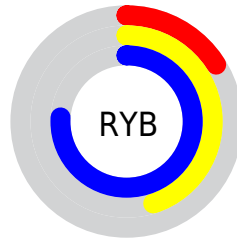
The Android color `4280924866` is a dark color, and the websafe version is hex `33CCCC`. The color can be described as middle muted azure. A complement of this color would be `4290916649`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4285723642`, and `4278224012` is the 20% darker color. If you saturate the color by 10%, you get `4279679426`, and if you desaturate by 10%, it is `4282170306`.

Distribution



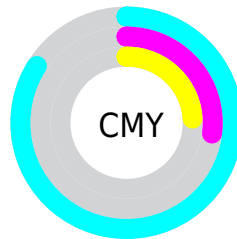
- Red (16%)
- Green (73%)
- Blue (76%)



- Red (16%)
- Yellow (45%)
- Blue (76%)



- Cyan (79%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (84%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280924866 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 4280924866 by changing the saturation by 10% instead.



4280924866



4280924866

4294967295



4278230951



4285723642



4278224012



4287758335



4278217587



4289789951



4278211162



4291756031



4278204995



4293787647



4278199597



4278190361



4278190080



4280924866



4280924866

■ 4279679426

■ 4282170306

■ 4278368450

■ 4283481282

■ 4278237378

■ 4284726722

■ 4286037698

■ 4287283138

■ 4288528578

■ 4289839554

■ 4291084994

■ 4292395970

Harmonies

Analogous

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



4283677344



4280924866



4281775837

Triad

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



4280924866



4291598288



4291142759

Complementary

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



4280924866



4290916649

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.



4292712821



4280924866



4293169329

Square

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



4280924866



4288914405



4293497232



4288982891

Rectangle

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



4280924866



4284199399



4293497232



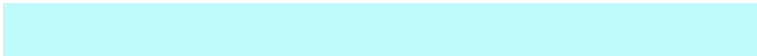
4291731562

Sweetspot

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



4280924866



4290836988



4280926769



4284186240



4278190080



4286611584

Same Dimension

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



4280924866



4279103740



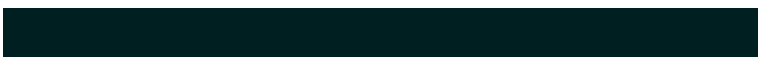
4280905410



4283916385



4278229153



4278198049

Inverse Universe

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



4290914746



4294708720



4290936105



4284569440



4288741528



4280352799

Previews

White Background



This preview shows how the Android color 4280924866 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 4280924866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

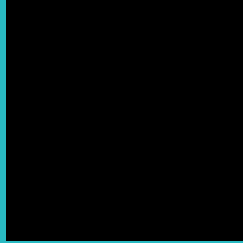
Any Text WCAG AA ✓ Pass

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 4280924866 Background



This preview shows how black text looks on a background with the Android color 4280924866.



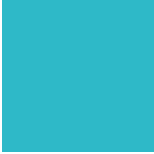
This preview shows how white text looks on a background with the Android color 4280924866.

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





Tritanopia
4281252296

Trichromacy



Original Color

4280924866



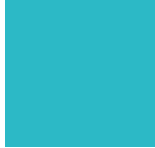
Protanomaly

4286164410



Deuteranomaly

4286229701



Tritanomaly

4281121222

Monochromacy



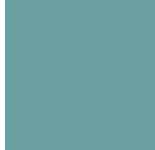
Original Color

4280924866



Achromatopsia

4287664272



Achromatomaly

4285243298

CSS Examples

Text

The CSS property to change the color of the text to Android 4280924866 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(41, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(41, 186, 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(41, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 186, 194) }
```

Border

The CSS property to change the border of an element to Android 4280924866 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(41, 186, 194) }
```

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

```
.border{ border-color:rgb(41, 186, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 186, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 186, 194);  
box-shadow:4px 4px 4px 4px rgb(41, 186,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4280924866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 186, 194) }
```

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

```
.background{ background-color: rgb(41, 186,  
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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