

# Converting Colors

Android(4281909942)

Have a look what the booklet for  
Android(4281909942) contains.

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# **Color**

**Android(4281909942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38C2B6
RGB	56, 194, 182
RGB Percent	22%, 76%, 71%
CMY	0.7804, 0.2392, 0.2863
CMYK	0.71, 0.00, 0.06, 0.24
HSL	175°, 55%, 49%
HSV	175°, 71%, 76%
XYZ	29.3662, 42.8017, 50.9698
YIQ	151.3700, -78.3960, -32.9880

# Conversions

## Conversions Part 2

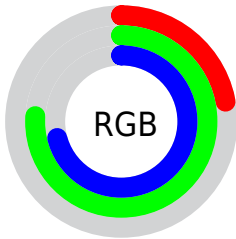
Format	Color
<a href="#">RYB</a>	<a href="#">56, 128, 194</a>
Decimal	<a href="#">3719862</a>
CIELab	<a href="#">71.42, -38.79, -4.57</a>
CIELCh	<a href="#">71, 39.061, 186.714</a>
Yxy	<a href="#">42.8017, 0.2385, 0.3476</a>
Android (android.graphics.Color)	<a href="#">4281909942 (0xFF38C2B6)</a>
YUV	<a href="#">151.3700, 15.1006, -83.6395</a>
Hunter-Lab	<a href="#">65.4230, -34.3677, -0.3955</a>

# Details

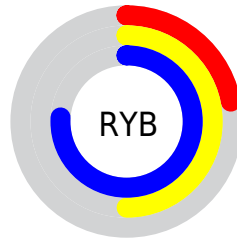
The Android color **4281909942** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **4290918468**, and the grayscale version is **4288124823**.

A 20% lighter version of the original color is **4286315502**, and **4278226049** is the 20% darker color. If you saturate the color by 10%, you get **4280664756**, and if you desaturate by 10%, it is **4283155128**.

# Distribution



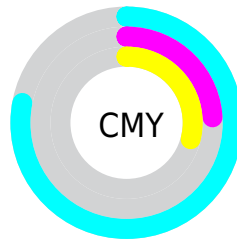
- Red (22%)
- Green (76%)
- Blue (71%)



- Red (22%)
- Yellow (50%)
- Blue (76%)



- Cyan (71%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (78%)
- Magenta (24%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281909942 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 4281909942 by changing the saturation by 10% instead.





4281909942



4281909942

4294967295



4278232731



4286315502



4278226049



4288282623



4278219368



4290248703



4278212688



4292214783



4278206521



4294246399



4278200868



4278192655



4278190080



4281909942



4281909942

■ 4280664756

■ 4283155128

■ 4279354035

■ 4284465849

■ 4278239921

■ 4285711035

■ 4287021757

■ 4288266942

■ 4289512128

■ 4290822850

■ 4292068035

■ 4293378757

# Harmonies

## Analogous

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



4285317266



4281909942



4278304984

# Triad

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



4281909942



4290618344



4292715374

# Complementary

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



4281909942



4290918468

# 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.



4294023302



4281909942



4293040076

# Square

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



4281909942



4287148277



4294153128



4290686823

# Rectangle

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



4281909942



4281384426



4294153128



4293238644

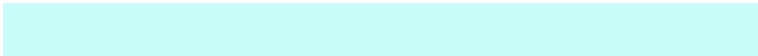


# Sweetspot

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



4281909942



4291296504



4282827320



4284514429



4278190080



4286611584



# Same Dimension

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



4281909942



4280745194



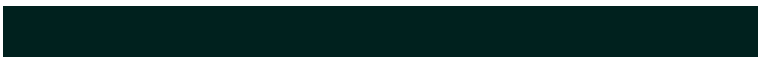
4281895874



4283916640



4278231443



4278198558



# Inverse Universe

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



4290918468



4294714937



4290932536



4284569432



4288741390

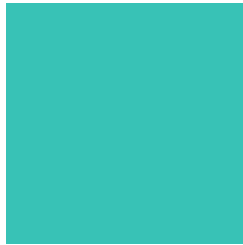


4280352771



# Previews

## White Background



This preview shows how the Android color 4281909942 looks on a white background.

## Color Contrast Check

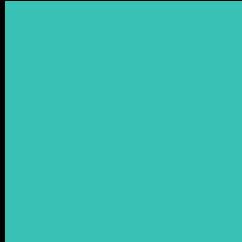
Large Text (above 18pt) WCAG AA × Fail

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 4281909942 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

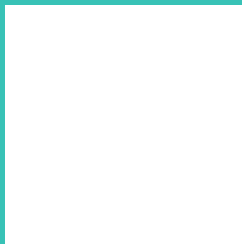
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281909942 Background



This preview shows how black text looks on a background with the Android color 4281909942.

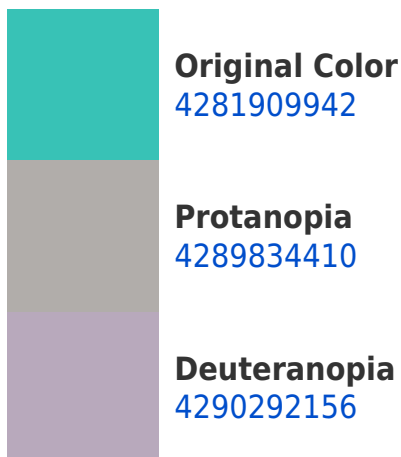


This preview shows how white text looks on a background with the Android color 4281909942.

# 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**  
4281909942



**Protanomaly**  
4286952878



**Deuteranomaly**  
4287214266



**Tritanomaly**  
4282499013

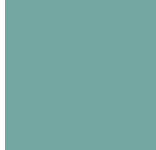
# Monochromacy



**Original Color**  
4281909942



**Achromatopsia**  
4288124823



**Achromatomaly**  
4285835170

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281909942 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(56, 194, 182)` looks like.

```
.text, #text, p{  
    color:rgb(56, 194, 182)  
}
```

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(56, 194, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 194, 182) }
```

## Border

The CSS property to change the border of an element to Android 4281909942 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(56, 194, 182) }
```

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

```
.border{ border-color:rgb(56, 194, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 194, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 194, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 194, 182);  
box-shadow:4px 4px 4px 4px rgb(56, 194,  
182) }
```

# Background

The CSS property to change the background color of an element to Android 4281909942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 194, 182) }
```

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

```
.background{ background-color: rgb(56, 194,  
182) }
```

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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