

# Converting Colors

Android(4282893483)

Have a look what the booklet for  
Android(4282893483) contains.

<b>Android(4282893483)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4282893483)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47C4AB
RGB	71, 196, 171
RGB Percent	28%, 77%, 67%
CMY	0.7216, 0.2314, 0.3294
CMYK	0.64, 0.00, 0.13, 0.23
HSL	168°, 51%, 52%
HSV	168°, 64%, 77%
XYZ	29.6891, 43.7597, 45.4098
YIQ	155.7750, -66.4750, -34.2750

# Conversions

## Conversions Part 2

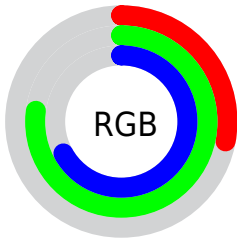
Format	Color
<a href="#">RYB</a>	<a href="#">71, 140, 196</a>
Decimal	<a href="#">4703403</a>
CIELab	<a href="#">72.07, -40.35, 2.41</a>
CIElCh	<a href="#">72, 40.421, 176.575</a>
Yxy	<a href="#">43.7597, 0.2498, 0.3682</a>
Android (android.graphics.Color)	<a href="#">4282893483 (0xFF47C4AB)</a>
YUV	<a href="#">155.7750, 7.5059, -74.3477</a>
Hunter-Lab	<a href="#">66.1511, -35.6523, 5.6059</a>

# Details

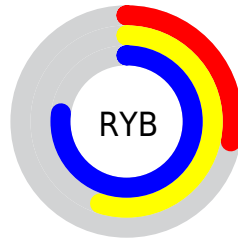
The Android color **4282893483** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **4291053408**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4286971362**, and **4278226295** is the 20% darker color. If you saturate the color by 10%, you get **4281582759**, and if you desaturate by 10%, it is **4284204207**.

# Distribution



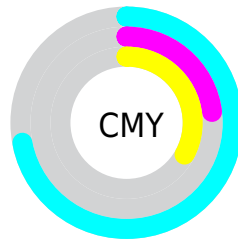
- Red (28%)
- Green (77%)
- Blue (67%)



- Red (28%)
- Yellow (55%)
- Blue (77%)



- Cyan (64%)
- Magenta (0%)
- Yellow (13%)
- Black (23%)



- Cyan (72%)
- Magenta (23%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282893483 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 4282893483 by changing the saturation by 10% instead.





4282893483



4282893483

4294967295



4280330385



4286971362



4278226295



4288872447



4278219614



4290838527



4278213191



4292804607



4278207024



4294770687



4278201115



4278193665



4278190080



4282893483



4282893483

■ 4281582759

■ 4284204207

■ 4280337571

■ 4285449395

■ 4279026847

■ 4286760119

■ 4278240413

■ 4288005307

■ 4289316031

■ 4290626755

■ 4291871942

■ 4293182666

■ 4294427854

# Harmonies

## Analogous

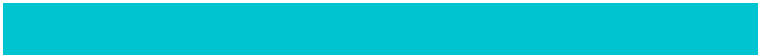
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286300295



4282893483



4278240464

# Triad

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



4282893483



4289702387



4293501044

# Complementary

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



4282893483



4291053408

# 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.



4294481554



4282893483



4292582618

# Square

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



4282893483



4285708026



4294218934



4291603814

# Rectangle

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



4282893483



4278239717



4294218934



4293958781

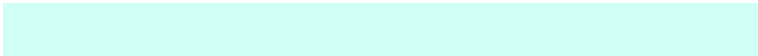


# Sweetspot

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



4282893483



4291821557



4284531783



4284645498



4278190080



4286611584



# Same Dimension

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



4282893483



4282122200



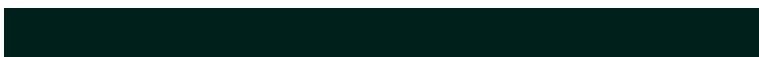
4282884036



4283916639



4278231425



4278198555



# Inverse Universe

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



4291053408



4294916962



4291063111



4284569433



4288741408

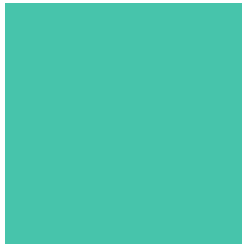


4280352775



# Previews

## White Background



This preview shows how the Android color 4282893483 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 4282893483 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

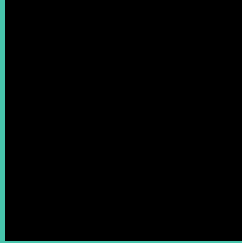
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

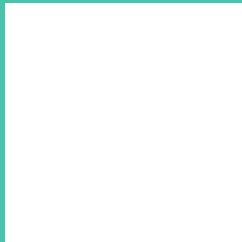
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282893483 Background



This preview shows how black text looks on a background with the Android color 4282893483.



This preview shows how white text looks on a background with the Android color 4282893483.

# 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**

4282893483



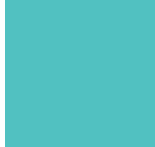
**Protanomaly**

4287543203



**Deuteranomaly**

4287935407



**Tritanomaly**

4283548097

# Monochromacy



**Original Color**

4282893483



**Achromatopsia**

4288453788



**Achromatomaly**

4286426017

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282893483 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(71, 196, 171)` looks like.

```
.text, #text, p{  
    color:rgb(71, 196, 171)  
}
```

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(71, 196, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 196, 171) }
```

## Border

The CSS property to change the border of an element to Android 4282893483 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(71, 196, 171) }
```

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

```
.border{ border-color:rgb(71, 196, 171) }
```

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

Here you see how a box with a 4 pixel rgb(71, 196, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 196, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 196, 171);  
box-shadow:4px 4px 4px 4px rgb(71, 196,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4282893483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 196, 171) }
```

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

```
.background{ background-color: rgb(71, 196,  
171) }
```

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