

# Converting Colors

Android(4283550661)

Have a look what the booklet for  
Android(4283550661) contains.

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# **Color**

**Android(4283550661)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51CBC5
RGB	81, 203, 197
RGB Percent	32%, 80%, 77%
CMY	0.6824, 0.2039, 0.2275
CMYK	0.60, 0.00, 0.03, 0.20
HSL	177°, 54%, 56%
HSV	177°, 60%, 80%
XYZ	34.8273, 48.4924, 60.3477
YIQ	165.8380, -70.7860, -27.7300

# Conversions

## Conversions Part 2

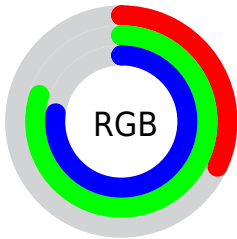
Format	Color
<b>RYB</b>	81, 144, 203
Decimal	5360581
CIELab	75.13, -35.03, -7.16
CIELCh	75, 35.753, 191.546
Yxy	48.4924, 0.2424, 0.3375
Android (android.graphics.Color)	4283550661 (0xFF51CBC5)
YUV	165.8380, 15.3629, -74.4029
Hunter-Lab	69.6365, -32.5906, -2.6358

# Details

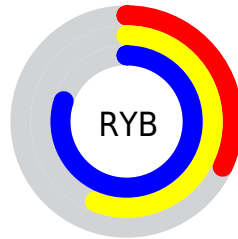
The Android color `4283550661` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4291514711`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4287561726`, and `4278228111` is the 20% darker color. If you saturate the color by 10%, you get `4282239940`, and if you desaturate by 10%, it is `4284861382`.

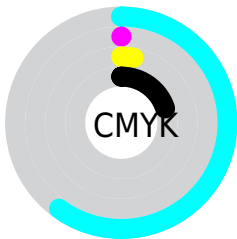
# Distribution



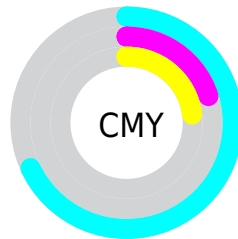
- Red (32%)
- Green (80%)
- Blue (77%)



- Red (32%)
- Yellow (56%)
- Blue (80%)



- Cyan (60%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (68%)
- Magenta (20%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283550661 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 4283550661 by changing the saturation by 10% instead.





4283550661



4283550661

4294967295



4281184170



4287561726



4278228111



4289527807



4278221430



4291493887



4278215005



4293459967



4278208582



4278202671



4278197019



4278190080



4283550661



4283550661

 4282239940

 4284861382

 4280863683

 4286237639


 4279552962

 4287548360

 4278242241

 4288859081

 4290235338

 4291546059

 4292856780

 4294167501

 4294953934

# Harmonies

## Analogous

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



4286040483



4283550661



4282829284

# Triad

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



4283550661



4291669226



4292980859

# Complementary

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



4283550661



4291514711

# 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.



4294289039



4283550661



4293764047

# Square

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



4283550661



4288723193



4294615213



4291017592

# Rectangle

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



4283550661



4284270066



4294615213



4293504128

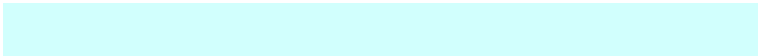


# Sweetspot

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



4283550661



4291952637



4283943761



4284711038



4278190080



4286611584



# Same Dimension

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



4283550661



4282908662



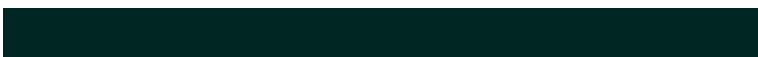
4283536587



4284245605



4278232734



4278199844



# Inverse Universe

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



4291514711



4294920016



4291528785



4284898396



4289069064

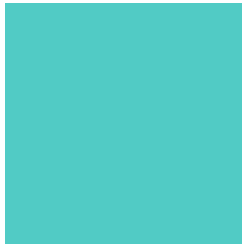


4280680450



# Previews

## White Background



This preview shows how the Android color 4283550661 looks on a white background.

## Color Contrast Check

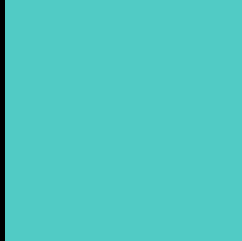
Large Text (above 18pt) WCAG AA × Fail

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 4283550661 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

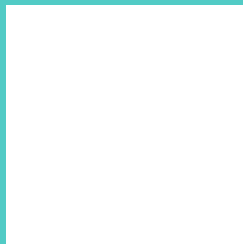
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283550661 Background



This preview shows how black text looks on a background with the Android color 4283550661.



This preview shows how white text looks on a background with the Android color 4283550661.

# 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



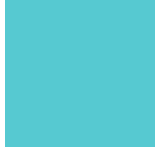
**Original Color**  
4283550661



**Protanomaly**  
4287938237



**Deuteranomaly**  
4288199880

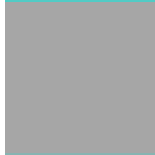


**Tritanomaly**  
4283877841

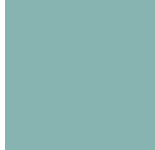
# Monochromacy



**Original Color**  
4283550661



**Achromatopsia**  
4289111718



**Achromatomaly**  
4287083441

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283550661 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(81, 203, 197)` looks like.

```
.text, #text, p{  
    color:rgb(81, 203, 197)  
}
```

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(81, 203, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 203, 197) }
```

## Border

The CSS property to change the border of an element to Android 4283550661 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(81, 203, 197) }
```

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

```
.border{ border-color:rgb(81, 203, 197) }
```

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

Here you see how a box with a 4 pixel rgb(81, 203, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 203, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 203, 197);  
box-shadow:4px 4px 4px 4px rgb(81, 203,  
197) }
```

# Background

The CSS property to change the background color of an element to Android 4283550661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 203, 197) }
```

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

```
.background{ background-color: rgb(81, 203,  
197) }
```

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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