

Converting Colors

Android(4284858539)

Have a look what the booklet for
Android(4284858539) contains.

Android(4284858539)	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(4284858539)

Conversions

Conversions Part 1

Format	Color
Hex	65C0AB
RGB	101, 192, 171
RGB Percent	40%, 75%, 67%
CMY	0.6039, 0.2471, 0.3294
CMYK	0.47, 0.00, 0.11, 0.25
HSL	166°, 42%, 57%
HSV	166°, 47%, 75%
XYZ	31.5672, 43.4062, 45.2426
YIQ	162.3970, -47.4950, -25.8230

Conversions

Conversions Part 2

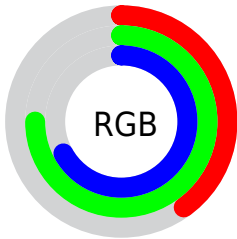
Format	Color
RYB	101, 152, 192
Decimal	6668459
CIELab	71.83, -32.32, 2.19
CIElCh	72, 32.391, 176.126
Yxy	43.4062, 0.2626, 0.3611
Android (android.graphics.Color)	4284858539 (0xFF65C0AB)
YUV	162.3970, 4.2413, -53.8452
Hunter-Lab	65.8834, -29.7701, 5.4036

Details

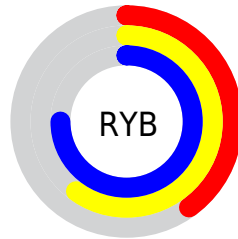
The Android color `4284858539` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290798970`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4288543202`, and `4280978039` is the 20% darker color. If you saturate the color by 10%, you get `4283613351`, and if you desaturate by 10%, it is `4286103727`.

Distribution



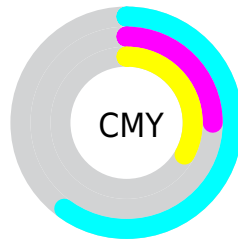
- Red (40%)
- Green (75%)
- Blue (67%)



- Red (40%)
- Yellow (60%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (60%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284858539 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 4284858539 by changing the saturation by 10% instead.



4284858539



4284858539

4294967295



4283016593



4288543202



4280978039



4290445311



4278218846



4292345855



4278212423



4294246399



4278206256



4278200603



4278193153



4278190080



4284858539



4284858539

■ 4283613351

■ 4286103727

■ 4282368162

■ 4287348916

■ 4281057438

■ 4288659640

■ 4279812249

■ 4289904829

■ 4278567061

■ 4291150017

■ 4278239380

■ 4292395206

■ 4293640394

■ 4294951118

■ 4294951123

Harmonies

Analogous

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



4287085966



4284858539



4283351241

Triad

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



4284858539



4289702629



4292846464

Complementary

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



4284858539



4290798970

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.



4293630871



4284858539



4291993809

Square

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



4284858539



4286821610



4293368501



4291341685

Rectangle

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



4284858539



4283612634



4293368501



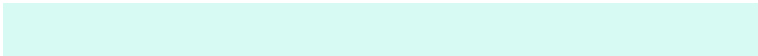
4293173383

Sweetspot

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



4284858539



4292344562



4286234725



4285037944



4294769916



4286414205

Same Dimension

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



4284858539



4285266649



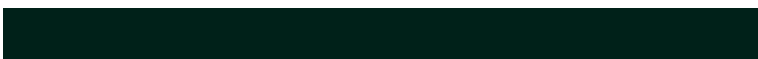
4284852416



4283916639



4278231420



4278198553

Inverse Universe

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



4290798970



4294601612



4290805093



4284569433



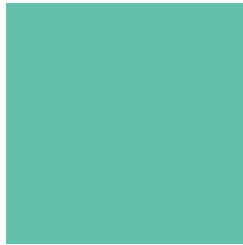
4288741413



4280352776

Previews

White Background



This preview shows how the Android color 4284858539 looks on a white background.

Color Contrast Check

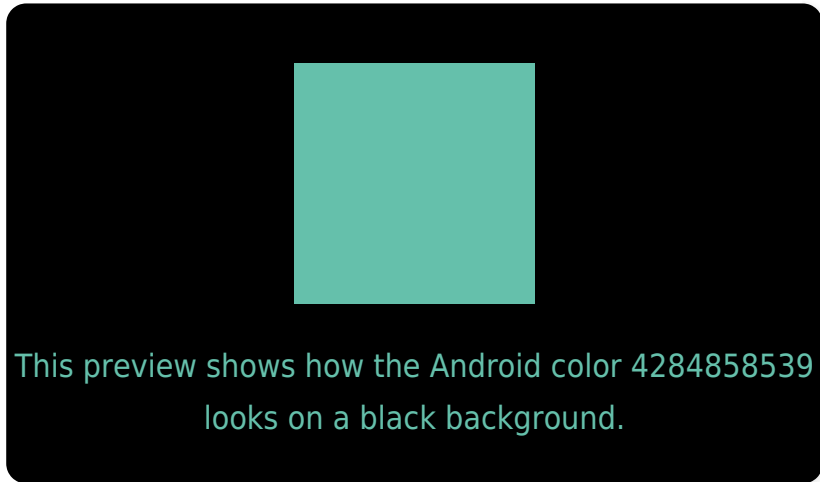
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4284858539 Background



This preview shows how black text looks on a background with the Android color 4284858539.



This preview shows how white text looks on a background with the Android color 4284858539.

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

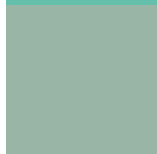


Trichromacy



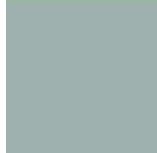
Original Color

4284858539



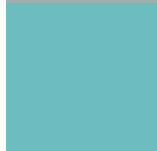
Protanomaly

4288198053



Deuteranomaly

4288590254



Tritanomaly

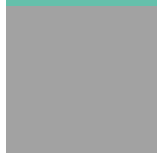
4285251007

Monochromacy



Original Color

4284858539



Achromatopsia

4288848546



Achromatomaly

4287409573

CSS Examples

Text

The CSS property to change the color of the text to Android 4284858539 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(101, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(101, 192, 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(101, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 192, 171) }
```

Border

The CSS property to change the border of an element to Android 4284858539 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(101, 192, 171) }
```

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

```
.border{ border-color:rgb(101, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(101, 192,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4284858539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 192, 171) }
```

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

```
.background{ background-color: rgb(101,  
192, 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