

Converting Colors

Android(4281573546)

Have a look what the booklet for
Android(4281573546) contains.

Android(4281573546)	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(4281573546)

Conversions

Conversions Part 1

Format	Color
Hex	33A0AA
RGB	51, 160, 170
RGB Percent	20%, 63%, 67%
CMY	0.8000, 0.3725, 0.3333
CMYK	0.70, 0.06, 0.00, 0.33
HSL	185°, 54%, 43%
HSV	185°, 70%, 67%
XYZ	21.1917, 28.7477, 42.4621
YIQ	128.5490, -68.1740, -19.9980

Conversions

Conversions Part 2

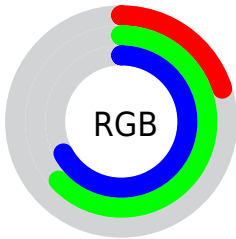
Format	Color
RYB	51, 108, 170
Decimal	3383466
CIELab	60.56, -26.80, -14.12
CIElCh	61, 30.297, 207.785
Yxy	28.7477, 0.2293, 0.3111
Android (android.graphics.Color)	4281573546 (0xFF33A0AA)
YUV	128.5490, 20.4353, -68.0105
Hunter-Lab	53.6169, -23.2785, -9.4232

Details

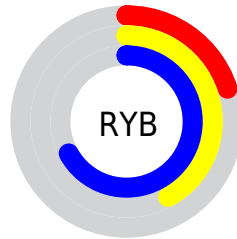
The Android color `4281573546` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289346867`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285716449`, and `4278217846` is the 20% darker color. If you saturate the color by 10%, you get `4280459178`, and if you desaturate by 10%, it is `4282687914`.

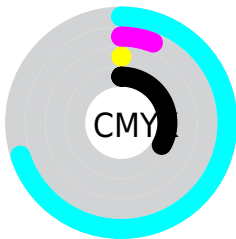
Distribution



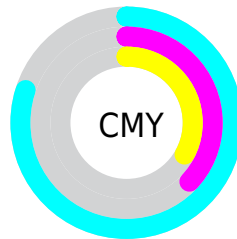
- Red (20%)
- Green (63%)
- Blue (67%)



- Red (20%)
- Yellow (42%)
- Blue (67%)



- Cyan (70%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)





- Cyan (80%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281573546 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 4281573546 by changing the saturation by 10% instead.

 4281573546

 4281573546

4294967295

 4278224528

 4285716449

 4278217846

 4287624446

 4278211421

 4289593343

 4278205510


 4291493887

 4278199855

 4293459967

 4278191387

 4278190080

 4281573546

 4281573546

 4280459178

 4282687914

■ 4279344554

■ 4283802538

■ 4278230186

■ 4284916906

■ 4286031530

■ 4287145898

■ 4288260522

■ 4289374890

■ 4290489258

■ 4291603882

Harmonies

Analogous

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



4283146383



4281573546



4282555582

Triad

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



4281573546



4289889199



4289106012

Complementary

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



4281573546



4289346867

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.



4290479974



4281573546



4291067541

Square

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



4281573546



4287859905



4291198842



4287273058

Rectangle

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



4281573546



4284258502



4291198842



4289629534

Sweetspot

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



4281573546



4289714910



4281575997



4283723376



4293980400



4285558896

Same Dimension

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



4281573546



4280536798



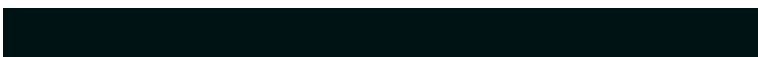
4281558442



4283192148



4278224788



4278194964

Inverse Universe

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



4289344416



4292748238



4289361971



4283714643



4287889543



4279500819

Previews

White Background



This preview shows how the Android color 4281573546 looks on a white background.

Color Contrast Check

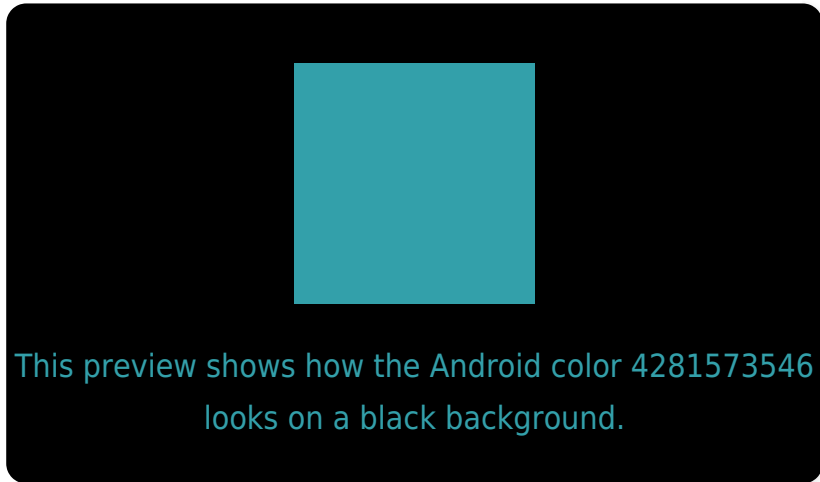
Large Text (above 18pt) WCAG AA ✓ Pass

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

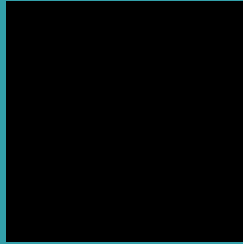
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4281573546 Background



This preview shows how black text looks on a background with the Android color 4281573546.



This preview shows how white text looks on a background with the Android color 4281573546.

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

4281573546



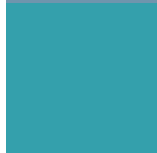
Protanomaly

4285437604



Deuteranomaly

4285502893



Tritanomaly

4281639084

Monochromacy



Original Color

4281573546



Achromatopsia

4286677377



Achromatomaly

4284845200

CSS Examples

Text

The CSS property to change the color of the text to Android 4281573546 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(51, 160, 170)` looks like.

```
.text, #text, p{  
    color:rgb(51, 160, 170)  
}
```

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(51, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 160, 170) }
```

Border

The CSS property to change the border of an element to Android 4281573546 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(51, 160, 170) }
```

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

```
.border{ border-color:rgb(51, 160, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(51, 160,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4281573546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 160, 170) }
```

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

```
.background{ background-color: rgb(51, 160,  
170) }
```

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