

Converting Colors

Android(4281180057)

Have a look what the booklet for
Android(4281180057) contains.

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Color

Android(4281180057)

Conversions

Conversions Part 1

Format	Color
Hex	2D9F99
RGB	45, 159, 153
RGB Percent	18%, 62%, 60%
CMY	0.8235, 0.3765, 0.4000
CMYK	0.72, 0.00, 0.04, 0.38
HSL	177°, 56%, 40%
HSV	177°, 72%, 62%
XYZ	19.2301, 27.6541, 34.4612
YIQ	124.2300, -66.0180, -26.0340

Conversions

Conversions Part 2

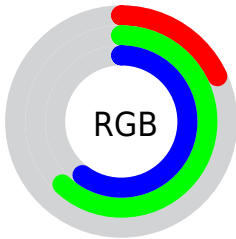
Format	Color
RYB	45, 104, 159
Decimal	2989977
CIELab	59.57, -32.22, -6.00
CIELCh	60, 32.778, 190.540
Yxy	27.6541, 0.2364, 0.3400
Android (android.graphics.Color)	4281180057 (0xFF2D9F99)
YUV	124.2300, 14.1836, -69.4847
Hunter-Lab	52.5871, -26.7535, -2.0427

Details

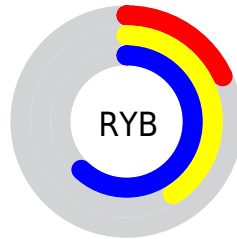
The Android color `4281180057` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288621875`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4285388495`, and `4278217574` is the 20% darker color. If you saturate the color by 10%, you get `4280131480`, and if you desaturate by 10%, it is `4282228634`.

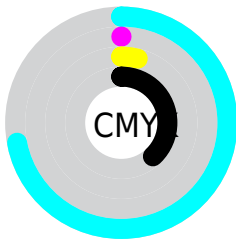
Distribution



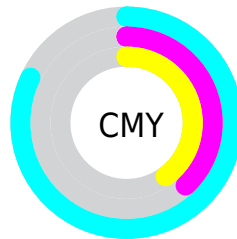
- Red (18%)
- Green (62%)
- Blue (60%)



- Red (18%)
- Yellow (41%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)




- Cyan (82%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281180057 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 4281180057 by changing the saturation by 10% instead.

 4281180057

 4281180057

4294967295

 4278224255

 4285388495


 4278217574

 4287296491

 4278211150

 4289200127

 4278204983


 4291100671

 4278199586

 4293066751

 4278190349

 4278190080

 4281180057

 4281180057

 4280131480

 4282228634

■ 4279082903

■ 4283277211

■ 4278230935

■ 4284325788

■ 4285374364

■ 4286422941

■ 4287405982

■ 4288454559

■ 4289503136

■ 4290551713

Harmonies

Analogous

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



4283800955



4281180057



4279803316

Triad

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



4281180057



4288709819



4289955673

Complementary

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



4281180057



4288621875

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.



4291067499



4281180057



4290542755

Square

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



4281180057



4286025672



4291328390



4288254294

Rectangle

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



4281180057



4281637569



4291328390



4290348126

Sweetspot

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



4281180057



4288794572



4281704237



4283263335



4293454056



4285098345

Same Dimension

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



4281180057



4280143813



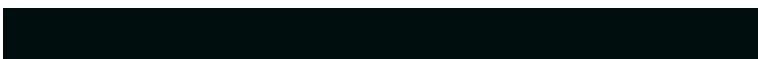
4281167519



4282863439



4278226823



4278193934

Inverse Universe

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



4288621875



4291763494



4288634413



4283385672



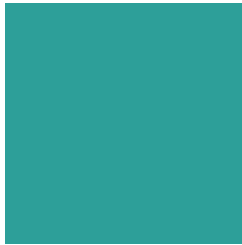
4287561736



4279173121

Previews

White Background



This preview shows how the Android color 4281180057 looks on a white background.

Color Contrast Check

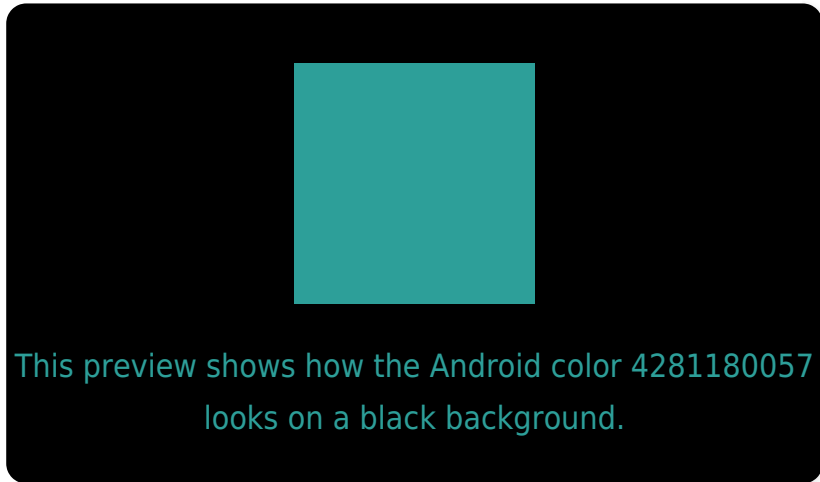
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281180057 Background



This preview shows how black text looks on a background with the Android color 4281180057.

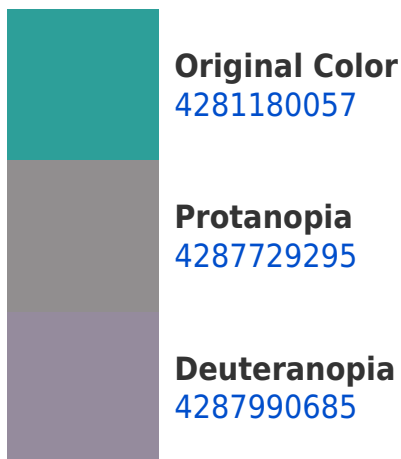


This preview shows how white text looks on a background with the Android color 4281180057.

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
4281180057



Protanomaly
4285371539



Deuteranomaly
4285502108



Tritanomaly
4281573027

Monochromacy



Original Color
4281180057



Achromatopsia
4286348412



Achromatomaly
4284451207

CSS Examples

Text

The CSS property to change the color of the text to Android 4281180057 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(45, 159, 153)` looks like.

```
.text, #text, p{  
    color:rgb(45, 159, 153)  
}
```

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(45, 159, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 159, 153) }
```

Border

The CSS property to change the border of an element to Android 4281180057 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(45, 159, 153) }
```

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

```
.border{ border-color:rgb(45, 159, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 159, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 159, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 159, 153);  
box-shadow:4px 4px 4px 4px rgb(45, 159,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4281180057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 159, 153) }
```

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

```
.background{ background-color: rgb(45, 159,  
153) }
```

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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