

Converting Colors

Android(4281180018)

Have a look what the booklet for
Android(4281180018) contains.

Android(4281180018)	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(4281180018)

Conversions

Conversions Part 1

Format	Color
Hex	2D9F72
RGB	45, 159, 114
RGB Percent	18%, 62%, 45%
CMY	0.8235, 0.3765, 0.5529
CMYK	0.72, 0.00, 0.28, 0.38
HSL	156°, 56%, 40%
HSV	156°, 72%, 62%
XYZ	16.5176, 26.5691, 20.1774
YIQ	119.7840, -53.4990, -38.1630

Conversions

Conversions Part 2

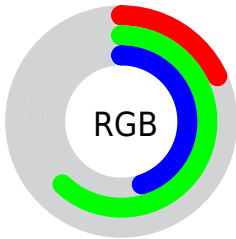
Format	Color
RYB	45, 116, 159
Decimal	2989938
CIELab	58.57, -42.41, 14.55
CIELCh	59, 44.840, 161.065
Yxy	26.5691, 0.2611, 0.4200
Android (android.graphics.Color)	4281180018 (0xFF2D9F72)
YUV	119.7840, -2.8515, -65.5856
Hunter-Lab	51.5452, -33.0040, 12.8726

Details

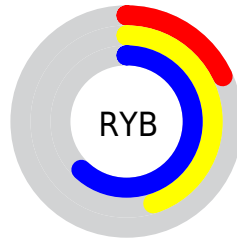
The Android color `4281180018` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288621914`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285192102`, and `4278217282` is the 20% darker color. If you saturate the color by 10%, you get `4280131436`, and if you desaturate by 10%, it is `4282228600`.

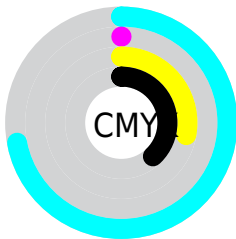
Distribution



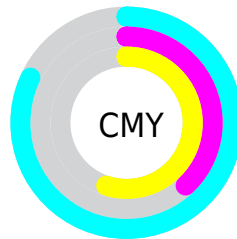
- Red (18%)
- Green (62%)
- Blue (45%)



- Red (18%)
- Yellow (45%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (28%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281180018 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 4281180018 by changing the saturation by 10% instead.



4281180018



4281180018

4294967295



4278223961



4285192102



4278217282



4287099841



4278210859



4289003485



4278204694



4290904058



4278199296



4292804607



4278190080



4294770687



4281180018



4281180018



4280131436



4282228600

■ 4279082853

■ 4283277183

■ 4278230880

■ 4284325765

■ 4285374347

■ 4286422929

■ 4287405976

■ 4288454558

■ 4289503140

■ 4290551722

Harmonies

Analogous

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



4285241679



4281180018



4278231451

Triad

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



4281180018



4284779738



4291851355

Complementary

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



4281180018



4288621914

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.



4292308096



4281180018



4288904648

Square

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



4281180018



4278229207



4291325863



4290347586

Rectangle

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



4281180018



4278231220



4291325863



4292112486

Sweetspot

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



4281180018



4288794557



4284194605



4283263326



4293454056



4285098345

Same Dimension

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



4281180018



4280143752



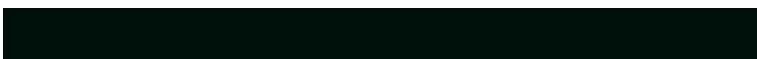
4281177247



4282863436



4278226774



4278193929

Inverse Universe

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



4288621914



4291763555



4288624685



4283385674



4287561784



4279173126

Previews

White Background



This preview shows how the Android color 4281180018 looks on a white background.

Color Contrast Check

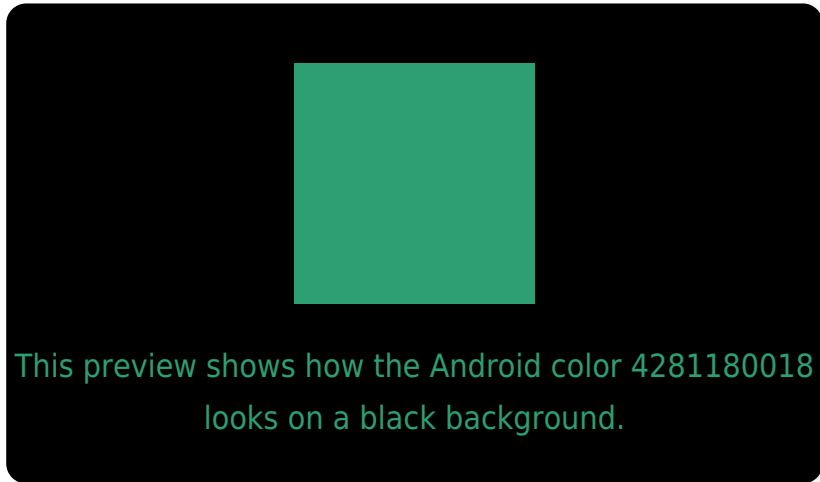
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281180018 Background



This preview shows how black text looks on a background with the Android color 4281180018.



This preview shows how white text looks on a background with the Android color 4281180018.

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

4281180018



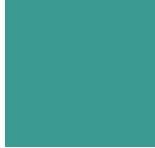
Protanomaly

4285567852



Deuteranomaly

4286025845



Tritanomaly

4282096530

Monochromacy



Original Color

4281180018



Achromatopsia

4286085240



Achromatomaly

4284319350

CSS Examples

Text

The CSS property to change the color of the text to Android 4281180018 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(45, 159, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 159, 114) }
```

Border

The CSS property to change the border of an element to Android 4281180018 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, 114) }
```

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

```
.border{ border-color:rgb(45, 159, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 159, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 159, 114);  
box-shadow:4px 4px 4px 4px rgb(45, 159,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4281180018 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, 114) }
```

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

```
.background{ background-color: rgb(45, 159,  
114) }
```

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