

Converting Colors

Android(4281180049)

Have a look what the booklet for
Android(4281180049) contains.

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Color

Android(4281180049)

Conversions

Conversions Part 1

Format	Color
Hex	2D9F91
RGB	45, 159, 145
RGB Percent	18%, 62%, 57%
CMY	0.8235, 0.3765, 0.4314
CMYK	0.72, 0.00, 0.09, 0.38
HSL	173°, 56%, 40%
HSV	173°, 72%, 62%
XYZ	18.5912, 27.3985, 31.0966
YIQ	123.3180, -63.4500, -28.5220

Conversions

Conversions Part 2

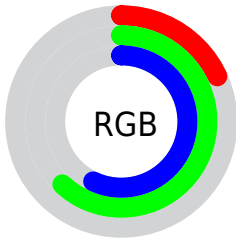
Format	Color
R_{YB}	45, 106, 159
Decimal	2989969
CIE _{Lab}	59.34, -34.51, -1.81
CIE _{LCh}	59, 34.553, 183.002
Y _{xy}	27.3985, 0.2412, 0.3554
Android (android.graphics.Color)	4281180049 (0xFF2D9F91)
YUV	123.3180, 10.6892, -68.6849
Hunter-Lab	52.3436, -28.2024, 1.4171

Details

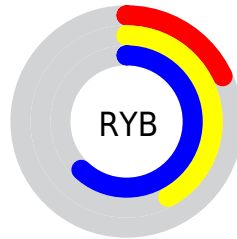
The Android color `4281180049` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288621883`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285322951`, and `4278217567` is the 20% darker color. If you saturate the color by 10%, you get `4280131471`, and if you desaturate by 10%, it is `4282228627`.

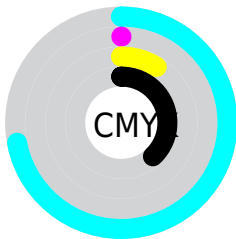
Distribution



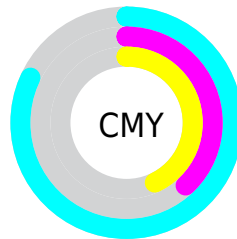
- Red (18%)
- Green (62%)
- Blue (57%)



- Red (18%)
- Yellow (42%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281180049 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 4281180049 by changing the saturation by 10% instead.



4281180049



4281180049

4294967295



4278223991



4285322951



4278217567



4287230947



4278211143



4289134591



4278204977



4291035135



4278199580



4293001215



4278190082



4278190080



4281180049



4281180049



4280131471



4282228627

■ 4279082893

■ 4283277205

■ 4278230923

■ 4284325783

■ 4285374361

■ 4286422939

■ 4287405981

■ 4288454559

■ 4289503137

■ 4290551715

Harmonies

Analogous

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



4284194162



4281180049



4278230703

Triad

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



4281180049



4288054978



4290347865

Complementary

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



4281180049



4288621883

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.



4291328623



4281180049



4290280619

Square

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



4281180049



4284977611



4291327885



4288712273

Rectangle

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



4281180049



4279344063



4291327885



4290740319

Sweetspot

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



4281180049



4288794569



4282162989



4283263333



4293454056



4285098345

Same Dimension

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



4281180049



4280143801



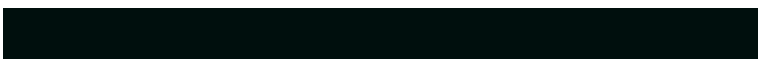
4281169311



4282863438



4278226813



4278193933

Inverse Universe

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



4288621883



4291763507



4288632621



4283385672



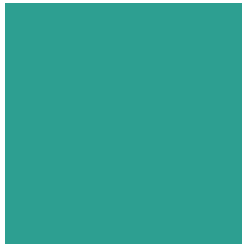
4287561746



4279173122

Previews

White Background



This preview shows how the Android color 4281180049 looks on a white background.

Color Contrast Check

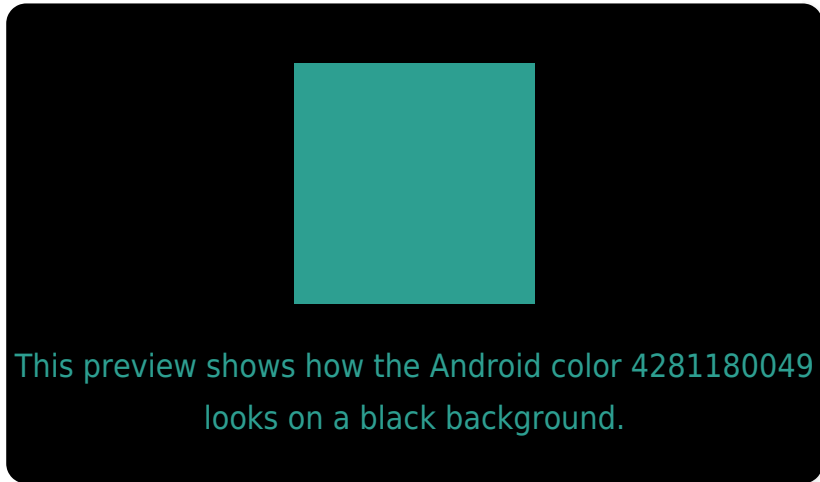
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281180049 Background



This preview shows how black text looks on a background with the Android color 4281180049.



This preview shows how white text looks on a background with the Android color 4281180049.

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

4281180049



Protanomaly

4285371531



Deuteranomaly

4285633172



Tritanomaly

4281703840

Monochromacy



Original Color

4281180049



Achromatopsia

4286282619



Achromatomaly

4284450947

CSS Examples

Text

The CSS property to change the color of the text to Android 4281180049 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(45, 159, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 159, 145) }
```

Border

The CSS property to change the border of an element to Android 4281180049 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, 145) }
```

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

```
.border{ border-color:rgb(45, 159, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 159, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 159, 145);  
box-shadow:4px 4px 4px 4px rgb(45, 159,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4281180049 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, 145) }
```

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

```
.background{ background-color: rgb(45, 159,  
145) }
```

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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