

Converting Colors

Android(4281180033)

Have a look what the booklet for
Android(4281180033) contains.

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Color

Android(4281180033)

Conversions

Conversions Part 1

Format	Color
Hex	2D9F81
RGB	45, 159, 129
RGB Percent	18%, 62%, 51%
CMY	0.8235, 0.3765, 0.4941
CMYK	0.72, 0.00, 0.19, 0.38
HSL	164°, 56%, 40%
HSV	164°, 72%, 62%
XYZ	17.4428, 26.9391, 25.0493
YIQ	121.4940, -58.3140, -33.4980

Conversions

Conversions Part 2

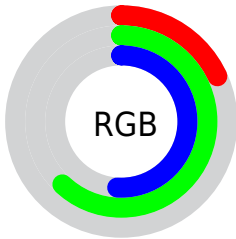
Format	Color
RYB	45, 111, 159
Decimal	2989953
CIELab	58.92, -38.78, 6.62
CIElCh	59, 39.345, 170.313
Yxy	26.9391, 0.2512, 0.3880
Android (android.graphics.Color)	4281180033 (0xFF2D9F81)
YUV	121.4940, 3.7005, -67.0852
Hunter-Lab	51.9029, -30.8425, 7.7176

Details

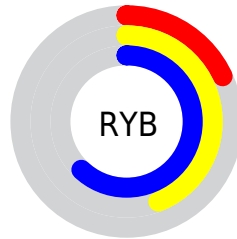
The Android color `4281180033` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288621899`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285257398`, and `4278217552` is the 20% darker color. If you saturate the color by 10%, you get `4280131453`, and if you desaturate by 10%, it is `4282228613`.

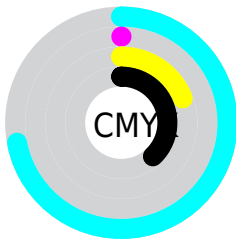
Distribution



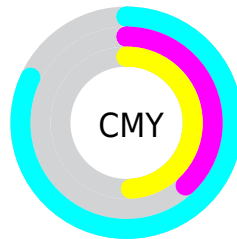
- Red (18%)
- Green (62%)
- Blue (51%)



- Red (18%)
- Yellow (44%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281180033 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 4281180033 by changing the saturation by 10% instead.



4281180033



4281180033

4294967295



4278223976



4285257398



4278217552



4287165393



4278211129



4289003502



4278204963



4290969599



4278199566



4292870143



4278190080

4294836223



4281180033



4281180033



4280131453



4282228613

■ 4279082873

■ 4283277193

■ 4278230901

■ 4284325774

■ 4285374354

■ 4286422934

■ 4287405978

■ 4288454558

■ 4289503138

■ 4290551719

Harmonies

Analogous

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



4284783456



4281180033



4278231205

Triad

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



4281180033



4286613966



4291132506

Complementary

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



4281180033



4288621899

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.



4291851128



4281180033



4289625274

Square

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



4281180033



4282095057



4291392410



4289562697

Rectangle

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



4281180033



4278230713



4291392410



4291459171

Sweetspot

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



4281180033



4288794563



4283146029



4283263329



4293454056



4285098345

Same Dimension

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



4281180033



4280143776



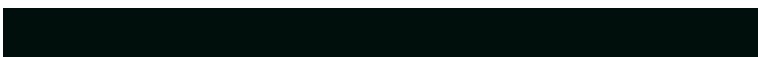
4281173151



4282863437



4278226793



4278193931

Inverse Universe

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



4288621899



4291763532



4288628781



4283385673



4287561766



4279173124

Previews

White Background



This preview shows how the Android color 4281180033 looks on a white background.

Color Contrast Check

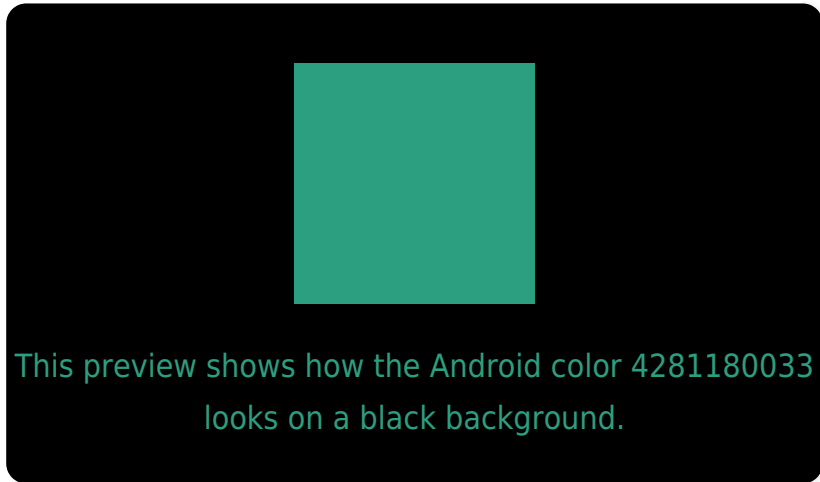
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281180033 Background



This preview shows how black text looks on a background with the Android color 4281180033.



This preview shows how white text looks on a background with the Android color 4281180033.

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

4281180033



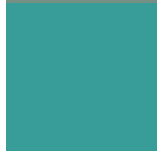
Protanomaly

4285502331



Deuteranomaly

4285829252



Tritanomaly

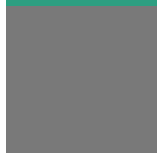
4281900185

Monochromacy



Original Color

4281180033



Achromatopsia

4286151033



Achromatomaly

4284319612

CSS Examples

Text

The CSS property to change the color of the text to Android 4281180033 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(45, 159, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 159, 129) }
```

Border

The CSS property to change the border of an element to Android 4281180033 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, 129) }
```

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

```
.border{ border-color:rgb(45, 159, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 159, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 159, 129);  
box-shadow:4px 4px 4px 4px rgb(45, 159,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4281180033 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, 129) }
```

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

```
.background{ background-color: rgb(45, 159,  
129) }
```

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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