

Converting Colors

Android(4281180021)

Have a look what the booklet for
Android(4281180021) contains.

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Color

Android(4281180021)

Conversions

Conversions Part 1

Format	Color
Hex	2D9F75
RGB	45, 159, 117
RGB Percent	18%, 62%, 46%
CMY	0.8235, 0.3765, 0.5412
CMYK	0.72, 0.00, 0.26, 0.38
HSL	158°, 56%, 40%
HSV	158°, 72%, 62%
XYZ	16.6912, 26.6385, 21.0917
YIQ	120.1260, -54.4620, -37.2300

Conversions

Conversions Part 2

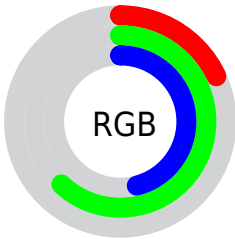
Format	Color
R_{YB}	45, 115, 159
Decimal	2989941
CIE _{Lab}	58.64, -41.72, 12.97
CIE _{LCh}	59, 43.688, 162.736
Yxy	26.6385, 0.2591, 0.4135
Android (android.graphics.Color)	4281180021 (0xFF2D9F75)
YUV	120.1260, -1.5411, -65.8855
Hunter-Lab	51.6125, -32.5960, 11.8997

Details

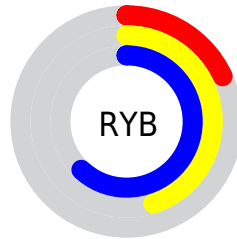
The Android color `4281180021` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288621911`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285191849`, and `4278217285` is the 20% darker color. If you saturate the color by 10%, you get `4280131439`, and if you desaturate by 10%, it is `4282228603`.

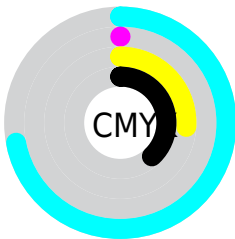
Distribution



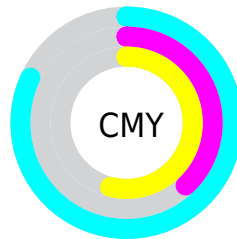
- Red (18%)
- Green (62%)
- Blue (46%)



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



- Cyan (72%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281180021 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 4281180021 by changing the saturation by 10% instead.



4281180021



4281180021

4294967295



4278223964



4285191849



4278217285



4287099844



4278210862



4289003488



4278204697



4290904061



4278199296



4292804607



4278190080



4294770687



4281180021



4281180021



4280131439



4282228603

■ 4279082857

■ 4283277185

■ 4278230884

■ 4284325767

■ 4285374348

■ 4286422930

■ 4287405976

■ 4288454558

■ 4289503140

■ 4290551722

Harmonies

Analogous

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



4285176403



4281180021



4278231453

Triad

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



4281180021



4285238232



4291720539

Complementary

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



4281180021



4288621911

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.



4292177278



4281180021



4289035718

Square

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



4281180021



4278228950



4291326117



4290151235

Rectangle

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



4281180021



4278231221



4291326117



4291981926

Sweetspot

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



4281180021



4288794558



4284063533



4283263327



4293454056



4285098345

Same Dimension

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



4281180021



4280143757



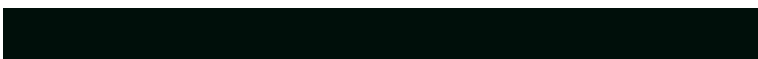
4281176735



4282863436



4278226778



4278193930

Inverse Universe

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



4288621911



4291763550



4288625197



4283385674



4287561781



4279173126

Previews

White Background



This preview shows how the Android color 4281180021 looks on a white background.

Color Contrast Check

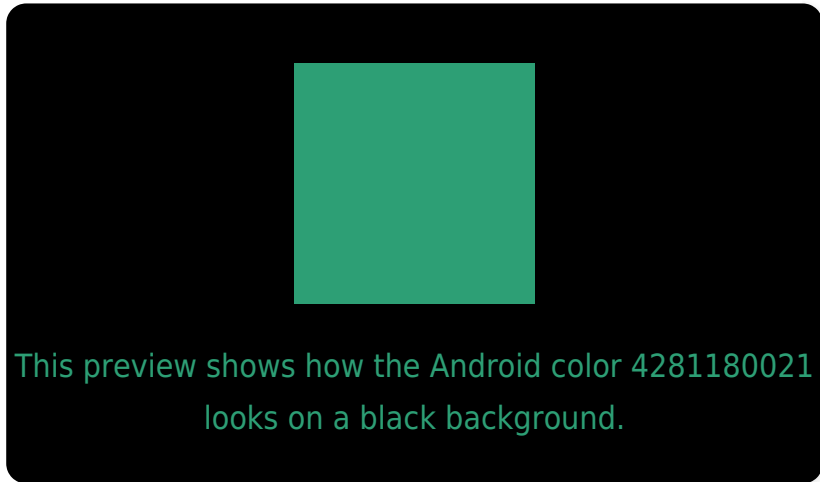
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281180021 Background



This preview shows how black text looks on a background with the Android color 4281180021.



This preview shows how white text looks on a background with the Android color 4281180021.

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
4281180021



Protanomaly
4285502319



Deuteranomaly
4285960312



Tritanomaly
4282030996

Monochromacy



Original Color
4281180021



Achromatopsia
4286085240



Achromatomaly
4284319351

CSS Examples

Text

The CSS property to change the color of the text to Android 4281180021 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(45, 159, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 159, 117) }
```

Border

The CSS property to change the border of an element to Android 4281180021 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, 117) }
```

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

```
.border{ border-color:rgb(45, 159, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 159, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 159, 117);  
box-shadow:4px 4px 4px 4px rgb(45, 159,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4281180021 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, 117) }
```

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

```
.background{ background-color: rgb(45, 159,  
117) }
```

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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