

Converting Colors

Android(4278241880)

Have a look what the booklet for
Android(4278241880) contains.

Android(4278241880)	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(4278241880)

Conversions

Conversions Part 1

Format	Color
Hex	00CA58
RGB	0, 202, 88
RGB Percent	0%, 79%, 35%
CMY	1.0000, 0.2078, 0.6549
CMYK	1.00, 0.00, 0.56, 0.21
HSL	146°, 100%, 40%
HSV	146°, 100%, 79%
XYZ	22.8820, 42.9456, 16.3159
YIQ	128.6060, -83.7980, -78.2780

Conversions

Conversions Part 2

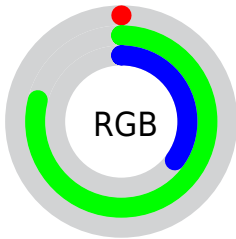
Format	Color
RYB	0, 141, 202
Decimal	51800
CIELab	71.52, -66.19, 44.66
CIELCh	72, 79.849, 145.989
Yxy	42.9456, 0.2786, 0.5228
Android (android.graphics.Color)	4278241880 (0xFF00CA58)
YUV	128.6060, -20.0188, -112.7875
Hunter-Lab	65.5329, -52.3562, 31.1115

Details

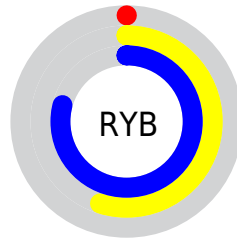
The Android color **4278241880** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **4291428466**, and the grayscale version is **4286677377**.

A 20% lighter version of the original color is **4284940173**, and **4278227492** is the 20% darker color. If you saturate the color by 10%, you get **4278241880**, and if you desaturate by 10%, it is **4279552611**.

Distribution



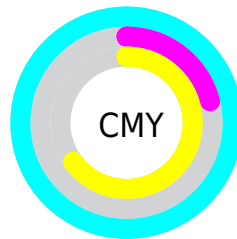
- Red (0%)
- Green (79%)
- Blue (35%)



- Red (0%)
- Yellow (55%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278241880 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 4278241880 by changing the saturation by 10% instead.

 4278241880

 4278241880

4294967295

 4278234686

 4284940173


 4278227492

 4287037352

 4278220547

 4289068996

 4278213888

 4291100640

 4278207488

 4293132285

 4278201344

 4278192640

 4278190080

 4278241880

 4279552611

 4280863343

 4282239610

 4283550342

 4284861073

 4286171804

 4287482536

 4288858803

 4290169535

Harmonies

Analogous

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



4287938050



4278241880



4278243491

Triad

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



4278241880



4278238207



4294929268

Complementary

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



4278241880



4291428466

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.



4294927292



4278241880



4288258303

Square

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



4278241880



4278242047



4294802943



4294937138

Rectangle

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



4278241880



4278243797



4294802943



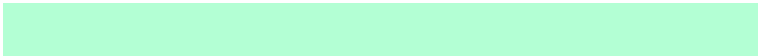
4294927499

Sweetspot

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



4278241880



4289986516



4285712896



4283596902



4278190080



4286611584

Same Dimension

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



4278241880



4278255471



4278241981



4284245600



4278232648



4278199825

Inverse Universe

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



4291428466



4294901904



4291428365



4284898402



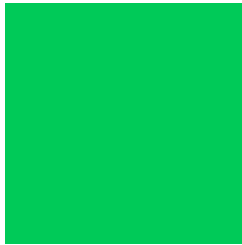
4289069150



4280680470

Previews

White Background



This preview shows how the Android color 4278241880 looks on a white background.

Color Contrast Check

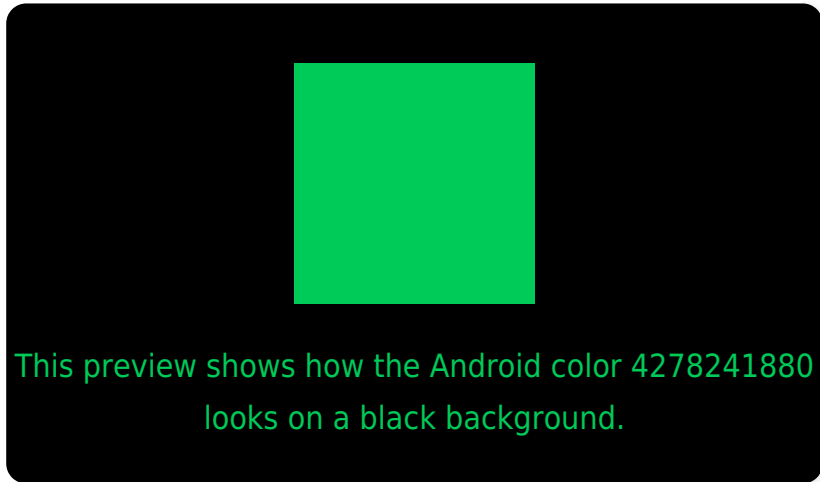
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278241880 Background



This preview shows how black text looks on a background with the Android color 4278241880.



This preview shows how white text looks on a background with the Android color 4278241880.

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

4278241880



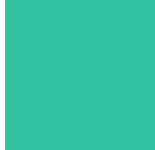
Protanomaly

4286298194



Deuteranomaly

4287083358



Tritanomaly

4281516706

Monochromacy



Original Color

4278241880



Achromatopsia

4286677377



Achromatomaly

4283604082

CSS Examples

Text

The CSS property to change the color of the text to Android 4278241880 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(0, 202, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 88)  
}
```

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(0, 202, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 88) }
```

Border

The CSS property to change the border of an element to Android 4278241880 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(0, 202, 88) }
```

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

```
.border{ border-color:rgb(0, 202, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 202, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 202, 88)  
}
```

Background

The CSS property to change the background color of an element to Android 4278241880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 88) }
```

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

```
.background{ background-color: rgb(0, 202,  
88) }
```

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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