

Converting Colors

Android(4280406380)

Have a look what the booklet for
Android(4280406380) contains.

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Color

Android(4280406380)

Conversions

Conversions Part 1

Format	Color
Hex	21D16C
RGB	33, 209, 108
RGB Percent	13%, 82%, 42%
CMY	0.8706, 0.1804, 0.5765
CMYK	0.84, 0.00, 0.48, 0.18
HSL	146°, 73%, 47%
HSV	146°, 84%, 82%
XYZ	26.1344, 47.0070, 21.8832
YIQ	144.8620, -72.4750, -68.7230

Conversions

Conversions Part 2

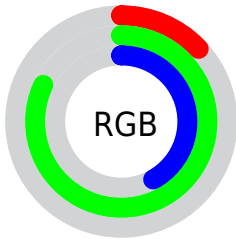
Format	Color
RYB	33, 156, 209
Decimal	2216300
CIELab	74.19, -63.63, 38.36
CIELCh	74, 74.301, 148.920
Yxy	47.0070, 0.2750, 0.4947
Android (android.graphics.Color)	4280406380 (0xFF21D16C)
YUV	144.8620, -18.1730, -98.1030
Hunter-Lab	68.5616, -51.9419, 29.0692

Details

The Android color `4280406380` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4291895686`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4285595553`, and `4278229306` is the 20% darker color. If you saturate the color by 10%, you get `4279030112`, and if you desaturate by 10%, it is `4281782648`.

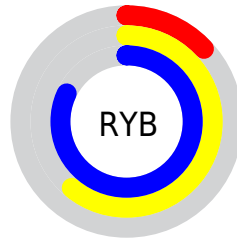
Distribution



Red (13%)

Green (82%)

Blue (42%)



Red (13%)

Yellow (61%)

Blue (82%)

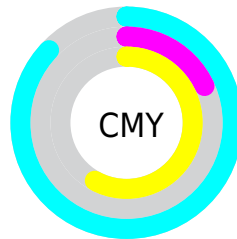


Cyan (84%)

Magenta (0%)

Yellow (48%)

Black (18%)



Cyan (87%)

Magenta (18%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280406380 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 4280406380 by changing the saturation by 10% instead.

 4280406380

 4280406380

4294967295

 4278236499

 4285595553

 4278229306

 4287627196

 4278222369

 4289658841

 4278215684

 4291690485

 4278209024

 4293722111

 4278203136

 4278195968

 4278190080

 4280406380

 4280406380

■ 4279030112

■ 4281782648

■ 4278243673

■ 4283158916

■ 4284535184

■ 4285911452

■ 4287287720

■ 4288598452

■ 4289974720

■ 4291350988

■ 4292727256

Harmonies

Analogous

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



4288136752



4280406380



4278245042

Triad

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



4280406380



4278239231



4294933625

Complementary

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



4280406380



4291895686

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.



4294931388



4280406380



4289832447

Square

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



4280406380



4278243327



4294936574



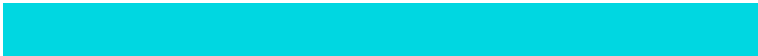
4294940734

Rectangle

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



4280406380



4278245345



4294936574



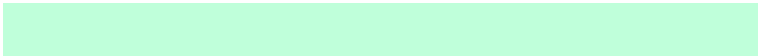
4294932110

Sweetspot

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



4280406380



4290772954



4287156513



4284055658



4278190080



4286611584

Same Dimension

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



4280406380



4278255469



4280406466



4284377443



4278233160



4278200593

Inverse Universe

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



4291895686



4294901906



4291895600



4285095524



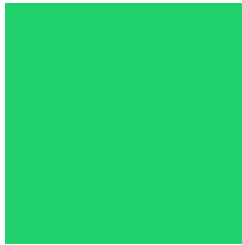
4289200225



4280877079

Previews

White Background



This preview shows how the Android color 4280406380 looks on a white background.

Color Contrast Check

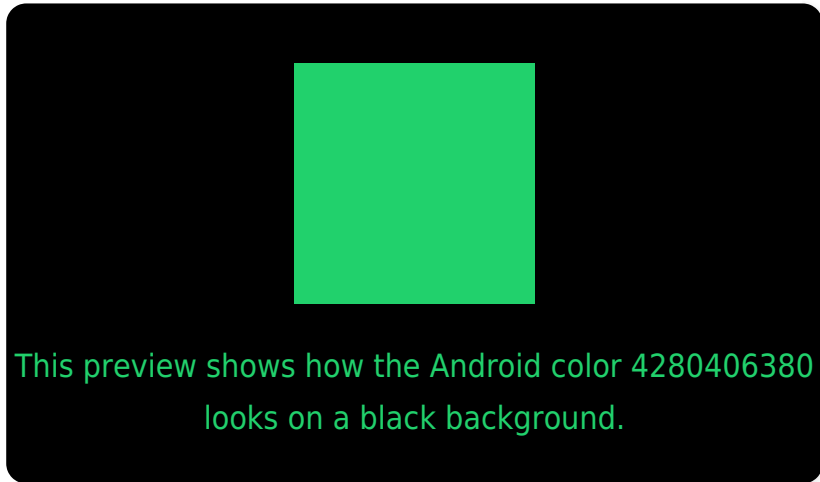
Large Text (above 18pt) WCAG AA × Fail

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 4280406380 Background



This preview shows how black text looks on a background with the Android color 4280406380.

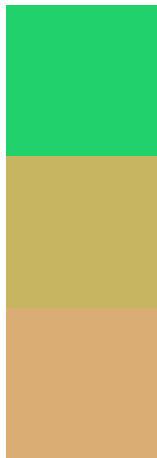


This preview shows how white text looks on a background with the Android color 4280406380.

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



Original Color
4280406380

Protanopia
4291278178

Deuteranopia
4292521333

Trichromacy



Original Color

4280406380



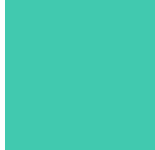
Protanomaly

4287348582



Deuteranomaly

4288133746



Tritanomaly

4282501551

Monochromacy



Original Color

4280406380



Achromatopsia

4287730065



Achromatomaly

4285048964

CSS Examples

Text

The CSS property to change the color of the text to Android 4280406380 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(33, 209, 108)` looks like.

```
.text, #text, p{  
    color:rgb(33, 209, 108)  
}
```

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(33, 209, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 209, 108) }
```

Border

The CSS property to change the border of an element to Android 4280406380 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(33, 209, 108) }
```

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

```
.border{ border-color:rgb(33, 209, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 209, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(33, 209, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(33, 209, 108); box-shadow:4px 4px 4px 4px rgb(33, 209, 108) }
```

Background

The CSS property to change the background color of an element to Android 4280406380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 209, 108) }
```

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

```
.background{ background-color: rgb(33, 209,  
108) }
```

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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