

Converting Colors

Android(4280476535)

Have a look what the booklet for
Android(4280476535) contains.

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Color

Android(4280476535)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 22E377 |
| RGB | 34, 227, 119 |
| RGB Percent | 13%, 89%, 47% |
| CMY | 0.8667, 0.1098, 0.5333 |
| CMYK | 0.85, 0.00, 0.48, 0.11 |
| HSL | 146°, 78%, 51% |
| HSV | 146°, 85%, 89% |
| XYZ | 31.4585, 56.6102, 26.7216 |
| YIQ | 156.9810, -80.3600, -74.5040 |

Conversions

Conversions Part 2

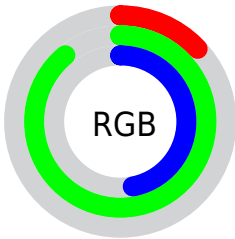
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 34, 168, 227 |
| Decimal | 2286455 |
| CIELab | 79.96, -67.76, 40.23 |
| CIELCh | 80, 78.801, 149.300 |
| Yxy | 56.6102, 0.2741, 0.4932 |
| Android (android.graphics.Color) | 4280476535 (0xFF22E377) |
| YUV | 156.9810, -18.7246, -107.8543 |
| Hunter-Lab | 75.2397, -57.0367, 31.6108 |

Details

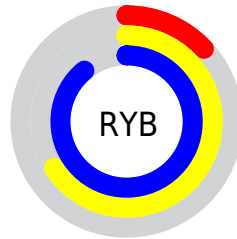
The Android color **4280476535** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **4293075598**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4285857709**, and **4278233668** is the 20% darker color. If you saturate the color by 10%, you get **4278969194**, and if you desaturate by 10%, it is **4281983876**.

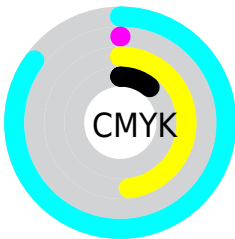
Distribution



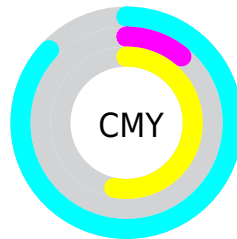
- Red (13%)
- Green (89%)
- Blue (47%)



- Red (13%)
- Yellow (66%)
- Blue (89%)



- Cyan (85%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (87%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280476535 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 4280476535 by changing the saturation by 10% instead.



4280476535



4280476535

4294967295



4278240861



4285857709



4278233668



4288020425



4278226475



4290052069



4278219791



4292149247



4278212864



4294180863



4278206464



4278200320



4278190080




4280476535



4280476535

 4278969194

 4281983876

 4278248292

 4283425680

 4284933021

 4286440362

 4287947703

 4289389507

 4290896848

 4292404189

 4293845993

Harmonies

Analogous

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



4288927542



4280476535



4278249666

Triad

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



4280476535



4278243327



4294936707

Complementary

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



4280476535



4293075598

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.



4294934219



4280476535



4290950143

Square

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



4280476535



4278247935



4294939391



4294944068

Rectangle

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



4280476535



4278249973



4294939391



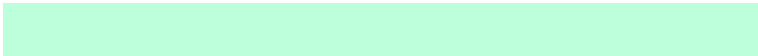
4294934938

Sweetspot

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



4280476535



4290641882



4287619874



4283990121



4278190080



4286611584

Same Dimension

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



4280476535



4278255472



4280476630



4284969836



4278235983



4278203158

Inverse Universe

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



4293075598



4294901903



4293075503



4285753198



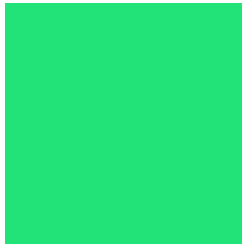
4289921124



4281532445

Previews

White Background



This preview shows how the Android color 4280476535 looks on a white background.

Color Contrast Check

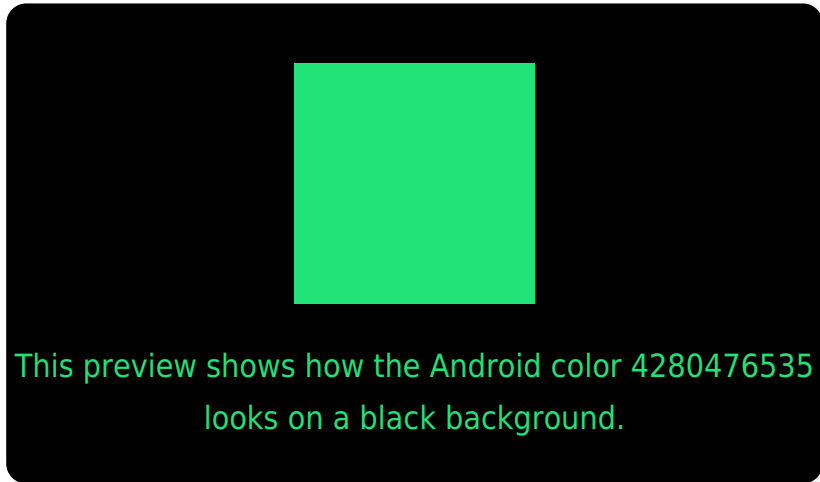
Large Text (above 18pt) WCAG AA × Fail

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

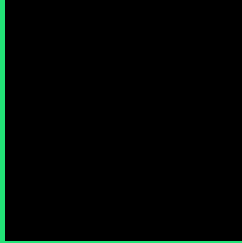
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

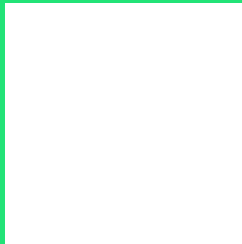
Any Text WCAG AAA ✓ Pass

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

Android 4280476535 Background



This preview shows how black text looks on a background with the Android color 4280476535.

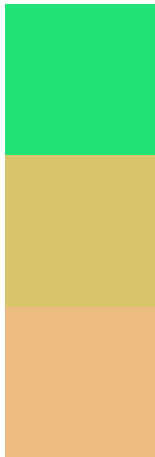


This preview shows how white text looks on a background with the Android color 4280476535.

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
4280476535

Protanopia
4292396140

Deuteranopia
4293704833

Trichromacy



Original Color

4280476535



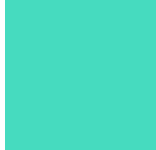
Protanomaly

4288073584



Deuteranomaly

4288924285



Tritanomaly

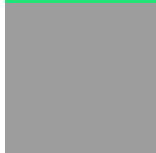
4282833855

Monochromacy



Original Color

4280476535



Achromatopsia

4288519581



Achromatomaly

4285576847

CSS Examples

Text

The CSS property to change the color of the text to Android 4280476535 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(34, 227, 119)` looks like.

```
.text, #text, p{  
    color:rgb(34, 227, 119)  
}
```

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(34, 227, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 227, 119) }
```

Border

The CSS property to change the border of an element to Android 4280476535 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(34, 227, 119) }
```

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

```
.border{ border-color:rgb(34, 227, 119) }
```

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

Here you see how a box with a 4 pixel rgb(34, 227, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 227, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 227, 119);  
box-shadow:4px 4px 4px 4px rgb(34, 227,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4280476535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 227, 119) }
```

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

```
.background{ background-color: rgb(34, 227,  
119) }
```

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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