

Converting Colors

Android(4280670842)

Have a look what the booklet for
Android(4280670842) contains.

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Color

Android(4280670842)

Conversions

Conversions Part 1

Format	Color
Hex	25DA7A
RGB	37, 218, 122
RGB Percent	15%, 85%, 48%
CMY	0.8549, 0.1451, 0.5216
CMYK	0.83, 0.00, 0.44, 0.15
HSL	148°, 71%, 50%
HSV	148°, 83%, 85%
XYZ	29.3472, 51.9413, 26.8913
YIQ	152.9370, -77.0600, -68.2280

Conversions

Conversions Part 2

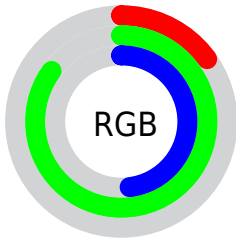
Format	Color
RYB	37, 160, 218
Decimal	2480762
CIELab	77.25, -63.98, 35.29
CIELCh	77, 73.062, 151.121
Yxy	51.9413, 0.2713, 0.4801
Android (android.graphics.Color)	4280670842 (0xFF25DA7A)
YUV	152.9370, -15.2519, -101.6767
Hunter-Lab	72.0703, -53.4373, 28.3266

Details

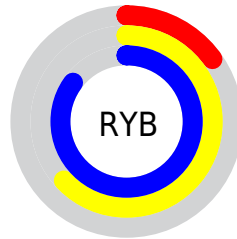
The Android color `4280670842` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292486533`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4285792175`, and `4278231623` is the 20% darker color. If you saturate the color by 10%, you get `4279229038`, and if you desaturate by 10%, it is `4282112646`.

Distribution



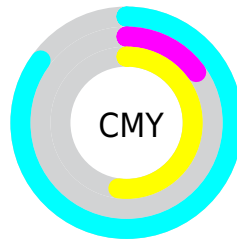
- Red (15%)
- Green (85%)
- Blue (48%)



- Red (15%)
- Yellow (63%)
- Blue (85%)



- Cyan (83%)
- Magenta (0%)
- Yellow (44%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280670842 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 4280670842 by changing the saturation by 10% instead.

 4280670842

 4280670842

4294967295

 4278238560

 4285792175

 4278231623

 4287889355

 4278224431

 4289921000

 4278217750

 4291952639

 4278211072

 4293984255

 4278204928

 4278198528

 4278190080

 4280670842

 4280670842

 4279229038

 4282112646

 4278245990

 4283554449

 4284930717

 4286372520

 4287814324

 4289256127

 4290697931

 4292074198

 4293516002

Harmonies

Analogous

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



4288401216



4280670842



4278247359

Triad

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



4280670842



4278241023



4294936701

Complementary

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



4280670842



4292486533

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.



4294934207



4280670842



4290948351

Square

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



4280670842



4278245119



4294938367



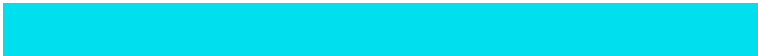
4294943301

Rectangle

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



4280670842



4278247406



4294938367



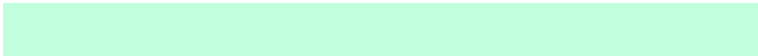
4294935186

Sweetspot

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



4280670842



4290772957



4287027749



4284055659



4278190080



4286611584

Same Dimension

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



4280670842



4278255480



4280670932



4284706408



4278234449



4278201878

Inverse Universe

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



4292486533



4294901895



4292486443



4285424489



4289527900



4281204760

Previews

White Background



This preview shows how the Android color 4280670842 looks on a white background.

Color Contrast Check

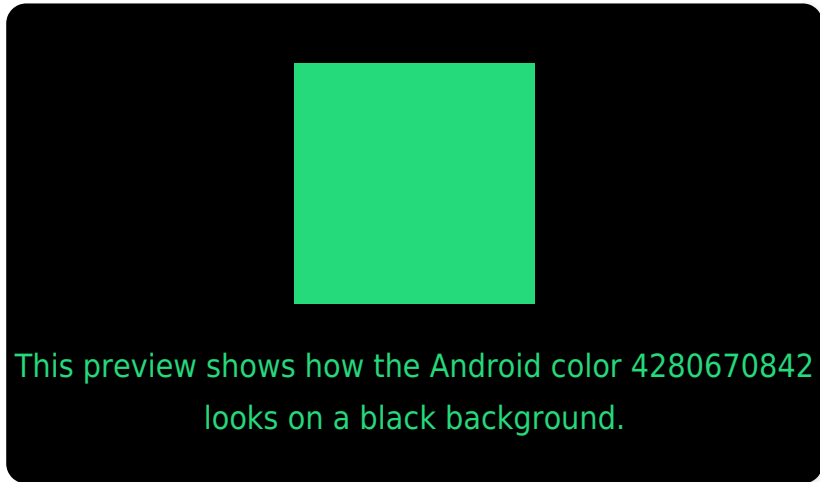
Large Text (above 18pt) WCAG AA × Fail

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 4280670842 Background



This preview shows how black text looks on a background with the Android color 4280670842.

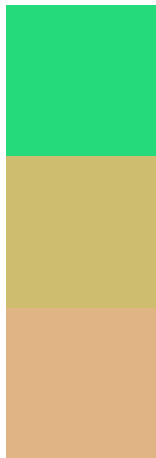


This preview shows how white text looks on a background with the Android color 4280670842.

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](#).

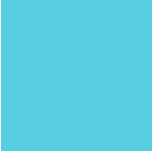
Dichromacy



Original Color
4280670842

Protanopia
4291804527

Deuteranopia
4292982147



Tritanopia
4283944671

Trichromacy



Original Color
4280670842



Protanomaly
4287744115



Deuteranomaly
4288529024



Tritanomaly
4282766010

Monochromacy



Original Color
4280670842



Achromatopsia
4288256409



Achromatomaly
4285510030

CSS Examples

Text

The CSS property to change the color of the text to Android 4280670842 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(37, 218, 122)` looks like.

```
.text, #text, p{  
    color:rgb(37, 218, 122)  
}
```

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(37, 218, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 218, 122) }
```

Border

The CSS property to change the border of an element to Android 4280670842 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(37, 218, 122) }
```

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

```
.border{ border-color:rgb(37, 218, 122) }
```

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

Here you see how a box with a 4 pixel rgb(37, 218, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 218, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 218, 122);  
box-shadow:4px 4px 4px 4px rgb(37, 218,  
122) }
```

Background

The CSS property to change the background color of an element to Android 4280670842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 218, 122) }
```

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

```
.background{ background-color: rgb(37, 218,  
122) }
```

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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