

Converting Colors

Android(4280016749)

Have a look what the booklet for
Android(4280016749) contains.

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Color

Android(4280016749)

Conversions

Conversions Part 1

Format	Color
Hex	1BDF6D
RGB	27, 223, 109
RGB Percent	11%, 87%, 43%
CMY	0.8941, 0.1255, 0.5725
CMYK	0.88, 0.00, 0.51, 0.13
HSL	145°, 78%, 49%
HSV	145°, 88%, 87%
XYZ	29.6000, 54.1125, 23.3527
YIQ	151.4000, -80.2220, -77.0060

Conversions

Conversions Part 2

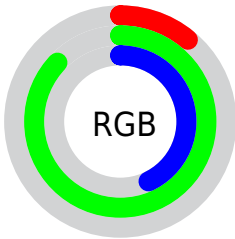
Format	Color
R_{YB}	27, 165, 223
Decimal	1826669
CIE _{Lab}	78.53, -68.53, 43.26
CIE _{LCh}	79, 81.045, 147.738
Yxy	54.1125, 0.2765, 0.5054
Android (android.graphics.Color)	4280016749 (0xFF1BDF6D)
YUV	151.4000, -20.9032, -109.0988
Hunter-Lab	73.5612, -56.9062, 32.6707

Details

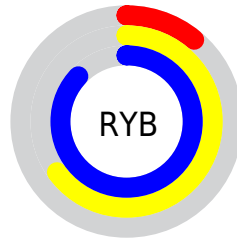
The Android color `4280016749` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292811661`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4285661090`, and `4278232634` is the 20% darker color. If you saturate the color by 10%, you get `4278574944`, and if you desaturate by 10%, it is `4281458554`.

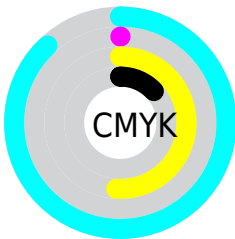
Distribution



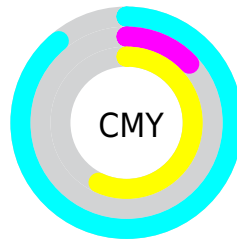
- Red (11%)
- Green (87%)
- Blue (43%)



- Red (11%)
- Yellow (65%)
- Blue (87%)



- Cyan (88%)
- Magenta (0%)
- Yellow (51%)
- Black (13%)



- Cyan (89%)
- Magenta (13%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280016749 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 4280016749 by changing the saturation by 10% instead.



4280016749



4280016749

4294967295



4278239827



4285661090



4278232634



4287823806



4278225695



4289855451



4278218752



4291887095



4278212096



4293984255



4278205696



4278199296



4278190080



4280016749



4280016749

 4278574944

 4281458554

 4278247261

 4282965895

 4284407700

 4285849505

 4287356846

 4288798651

 4290240456

 4291682261

 4293189602

Harmonies

Analogous

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



4288860711



4280016749



4278248890

Triad

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



4280016749



4278242815



4294934657

Complementary

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



4280016749



4292811661

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.



4294932171



4280016749



4290097663

Square

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



4280016749



4278247167



4294938367



4294942527

Rectangle

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



4280016749



4278248942



4294938367



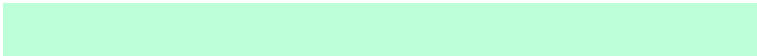
4294932889

Sweetspot

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



4280016749



4290641880



4287487771



4283990121



4278190080



4286611584

Same Dimension

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



4280016749



4278255467



4280016847



4284837994



4278235210



4278202388

Inverse Universe

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



4292811661



4294901908



4292811563



4285556076



4289724518



4281335836

Previews

White Background



This preview shows how the Android color 4280016749 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



This preview shows how the Android color 4280016749 looks on a 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 4280016749 Background



This preview shows how black text looks on a background with the Android color 4280016749.

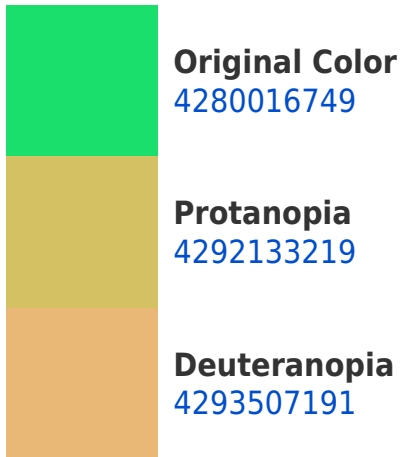


This preview shows how white text looks on a background with the Android color 4280016749.

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

4280016749



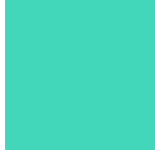
Protanomaly

4287745127



Deuteranomaly

4288595571



Tritanomaly

4282570680

Monochromacy



Original Color

4280016749



Achromatopsia

4288124823



Achromatomaly

4285182344

CSS Examples

Text

The CSS property to change the color of the text to Android 4280016749 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(27, 223, 109)` looks like.

```
.text, #text, p{  
    color:rgb(27, 223, 109)  
}
```

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(27, 223, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 223, 109) }
```

Border

The CSS property to change the border of an element to Android 4280016749 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(27, 223, 109) }
```

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

```
.border{ border-color:rgb(27, 223, 109) }
```

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

Here you see how a box with a 4 pixel rgb(27, 223, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 223, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 223, 109);  
box-shadow:4px 4px 4px 4px rgb(27, 223,  
109) }
```

Background

The CSS property to change the background color of an element to Android 4280016749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 223, 109) }
```

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

```
.background{ background-color: rgb(27, 223,  
109) }
```

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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