

# Converting Colors

Android(4280015992)

Have a look what the booklet for  
Android(4280015992) contains.

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# **Color**

**Android(4280015992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BDC78
RGB	27, 220, 120
RGB Percent	11%, 86%, 47%
CMY	0.8941, 0.1373, 0.5294
CMYK	0.88, 0.00, 0.45, 0.14
HSL	149°, 78%, 48%
HSV	149°, 88%, 86%
XYZ	29.4354, 52.7755, 26.4046
YIQ	150.8930, -82.9280, -72.0160

# Conversions

## Conversions Part 2

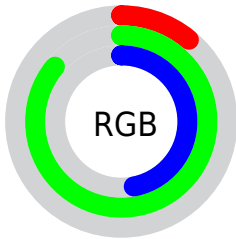
Format	Color
<a href="#">RYB</a>	<a href="#">27, 157, 220</a>
Decimal	<a href="#">1825912</a>
CIELab	<a href="#">77.74, -65.78, 36.90</a>
CIELCh	<a href="#">78, 75.424, 150.706</a>
Yxy	<a href="#">52.7755, 0.2710, 0.4859</a>
Android (android.graphics.Color)	<a href="#">4280015992 (0xFF1BDC78)</a>
YUV	<a href="#">150.8930, -15.2302, -108.6542</a>
Hunter-Lab	<a href="#">72.6467, -54.8063, 29.3028</a>

# Details

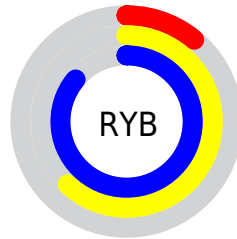
The Android color `4280015992` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292615039`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4285595565`, and `4278231877` is the 20% darker color. If you saturate the color by 10%, you get `4278574189`, and if you desaturate by 10%, it is `4281457795`.

# Distribution



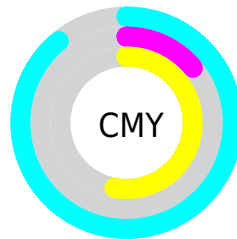
- Red (11%)
- Green (86%)
- Blue (47%)



- Red (11%)
- Yellow (62%)
- Blue (86%)



- Cyan (88%)
- Magenta (0%)
- Yellow (45%)
- Black (14%)



- Cyan (89%)
- Magenta (14%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280015992 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 4280015992 by changing the saturation by 10% instead.





4280015992



4280015992

4294967295



4278239070



4285595565



4278231877



4287692745



4278224941



4289789926



4278218003



4291821567



4278211328



4293853183



4278205184



4278198784



4278190080



4280015992



4280015992

■ 4278574189

■ 4281457795

■ 4278246506

■ 4282899599

■ 4284341402

■ 4285783206

■ 4287225009

■ 4288666812

■ 4290108616

■ 4291550419

■ 4292992223

# Harmonies

## Analogous

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



4288467259



4280015992



4278247872

# Triad

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



4280015992



4278241535



4294936445

# Complementary

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



4280015992



4292615039

# 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.



4294933697



4280015992



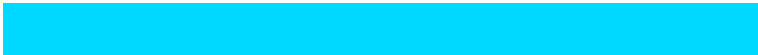
4290948607

# Square

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



4280015992



4278245887



4294938367



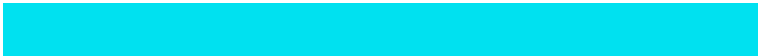
4294943299

# Rectangle

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



4280015992



4278247920



4294938367



4294934675

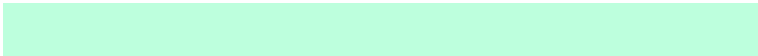


# Sweetspot

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



4280015992



4290641885



4286766107



4283990123



4278190080



4286611584



# Same Dimension

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



4280015992



4278255483



4280016086



4284706408



4278234452



4278201878



# Inverse Universe

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



4292615039



4294901892



4292614945



4285424488



4289527898

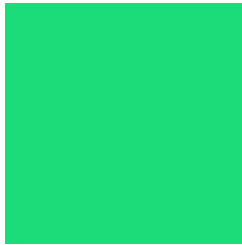


4281204760



# Previews

## White Background



This preview shows how the Android color 4280015992 looks on a white background.

## Color Contrast Check

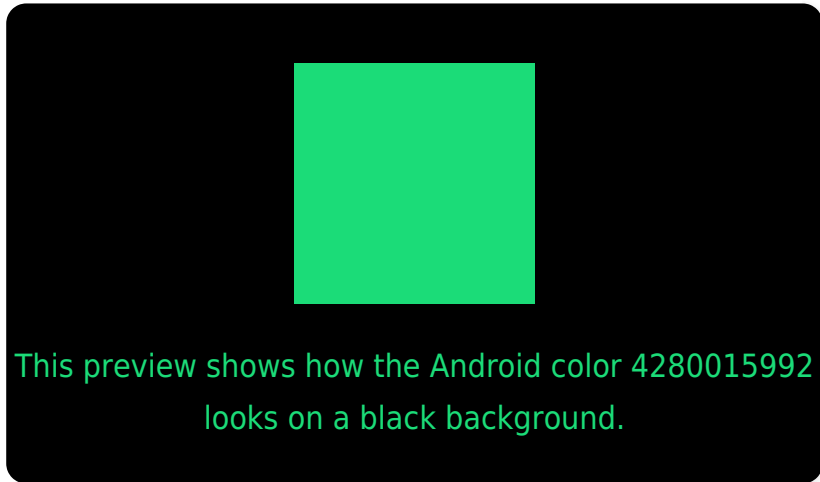
Large Text (above 18pt) WCAG AA × Fail

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 4280015992 Background



This preview shows how black text looks on a background with the Android color 4280015992.

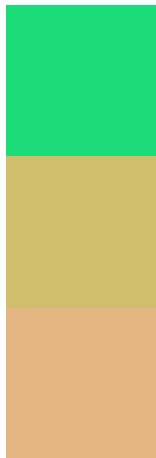


This preview shows how white text looks on a background with the Android color 4280015992.

# 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**  
4280015992

**Protanopia**  
4291935853

**Deuteranopia**  
4293179009



# Trichromacy



**Original Color**

4280015992



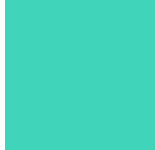
**Protanomaly**

4287613297



**Deuteranomaly**

4288398462



**Tritanomaly**

4282438843

# Monochromacy



**Original Color**

4280015992



**Achromatopsia**

4288124823



**Achromatomaly**

4285182092

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280015992 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, 220, 120)` looks like.

```
.text, #text, p{  
    color:rgb(27, 220, 120)  
}
```

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, 220, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 220, 120) }
```

## Border

The CSS property to change the border of an element to Android 4280015992 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, 220, 120) }
```

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

```
.border{ border-color:rgb(27, 220, 120) }
```

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

Here you see how a box with a 4 pixel rgb(27, 220, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 220, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 220, 120);  
box-shadow:4px 4px 4px 4px rgb(27, 220,  
120) }
```

# Background

The CSS property to change the background color of an element to Android 4280015992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 220, 120) }
```

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

```
.background{ background-color: rgb(27, 220,  
120) }
```

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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