

# Converting Colors

Android(4280409732)

Have a look what the booklet for  
Android(4280409732) contains.

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# **Color**

**Android(4280409732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21DE84
RGB	33, 222, 132
RGB Percent	13%, 87%, 52%
CMY	0.8706, 0.1294, 0.4824
CMYK	0.85, 0.00, 0.41, 0.13
HSL	151°, 74%, 50%
HSV	151°, 85%, 87%
XYZ	30.9133, 54.2318, 30.6683
YIQ	155.2290, -83.7540, -68.0580

# Conversions

## Conversions Part 2

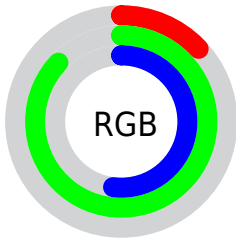
Format	Color
<a href="#">RYB</a>	<a href="#">33, 157, 222</a>
Decimal	<a href="#">2219652</a>
CIELab	<a href="#">78.60, -63.89, 32.00</a>
CIELCh	<a href="#">79, 71.456, 153.399</a>
Yxy	<a href="#">54.2318, 0.2669, 0.4683</a>
Android (android.graphics.Color)	<a href="#">4280409732 (0xFF21DE84)</a>
YUV	<a href="#">155.2290, -11.4519, -107.1948</a>
Hunter-Lab	<a href="#">73.6423, -53.9438, 26.8583</a>

# Details

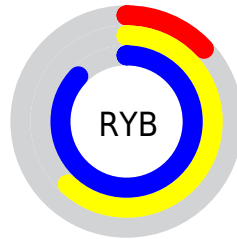
The Android color `4280409732` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292747643`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4285726650`, and `4278232401` is the 20% darker color. If you saturate the color by 10%, you get `4278967929`, and if you desaturate by 10%, it is `4281851535`.

# Distribution



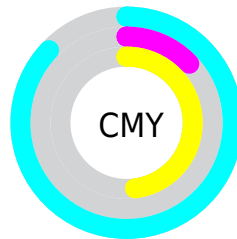
- Red (13%)
- Green (87%)
- Blue (52%)



- Red (13%)
- Yellow (62%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280409732 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 4280409732 by changing the saturation by 10% instead.





4280409732



4280409732

4294967295



4278239594



4285726650



4278232401



4287889366



4278225465



4289921010



4278218529



4291952639



4278211848



4293984255



4278205440



4278199296



4278190080



4280409732



4280409732

■ 4278967929

■ 4281851535

■ 4278247028

■ 4283293337

■ 4284800676

■ 4286242478

■ 4287684281

■ 4289126083

■ 4290567886

■ 4292075225

■ 4293517027

# Harmonies

## Analogous

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



4288336971



4280409732



4278248136

# Triad

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



4280409732



4280404223



4294938493

# Complementary

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



4280409732



4292747643

# 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.



4294935742



4280409732



4291735295

# Square

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



4280409732



4278245887



4294939391



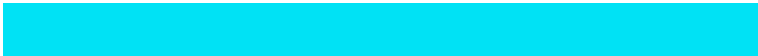
4294945097

# Rectangle

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



4280409732



4278248181



4294939391



4294936978

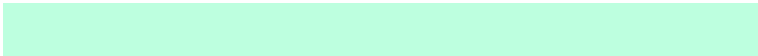


# Sweetspot

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



4280409732



4290641887



4286373409



4283990125



4278190080



4286611584



# Same Dimension

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



4280409732



4278255494



4280409054



4284837995



4278235228



4278202393



# Inverse Universe

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



4292747643



4294901881



4292748321



4285556074



4289724500



4281335831



# Previews

## White Background



This preview shows how the Android color 4280409732 looks on a white background.

## Color Contrast Check

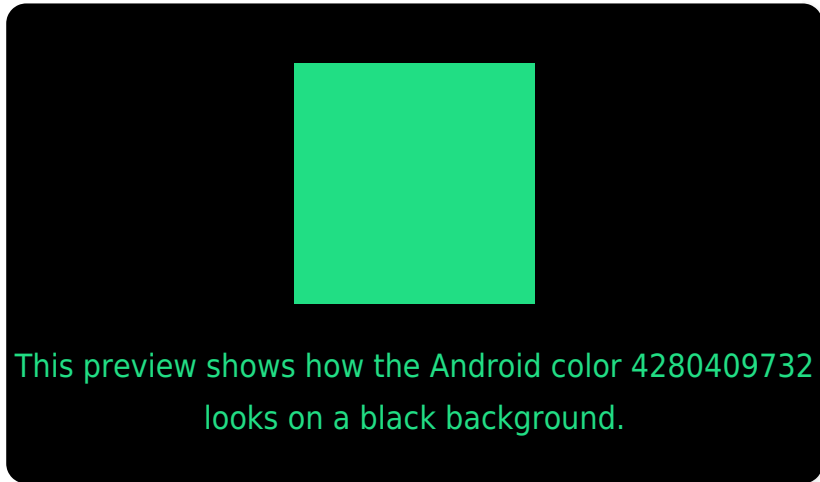
Large Text (above 18pt) WCAG AA × Fail

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

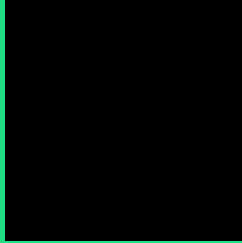
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280409732 Background



This preview shows how black text looks on a background with the Android color 4280409732.

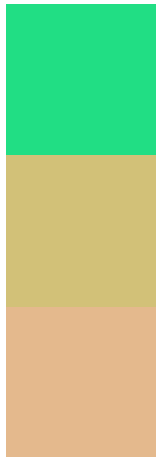


This preview shows how white text looks on a background with the Android color 4280409732.

# 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**  
4280409732

**Protanopia**  
4292002168

**Deuteranopia**  
4293179789



# Trichromacy



**Original Color**

4280409732



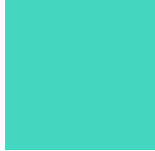
**Protanomaly**

4287810684



**Deuteranomaly**

4288530058



**Tritanomaly**

4282636225

# Monochromacy



**Original Color**

4280409732



**Achromatopsia**

4288387995



**Achromatomaly**

4285510547

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280409732 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, 222, 132)` looks like.

```
.text, #text, p{  
    color:rgb(33, 222, 132)  
}
```

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, 222, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 222, 132) }
```

## Border

The CSS property to change the border of an element to Android 4280409732 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, 222, 132) }
```

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

```
.border{ border-color:rgb(33, 222, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 222, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(33, 222, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(33, 222, 132); box-shadow:4px 4px 4px 4px rgb(33, 222, 132) }
```

# Background

The CSS property to change the background color of an element to Android 4280409732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 222, 132) }
```

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

```
.background{ background-color: rgb(33, 222,  
132) }
```

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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