

# Converting Colors

Android(4280404096)

Have a look what the booklet for  
Android(4280404096) contains.

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**Color**

**Android(4280404096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21C880
RGB	33, 200, 128
RGB Percent	13%, 78%, 50%
CMY	0.8706, 0.2157, 0.4980
CMYK	0.83, 0.00, 0.36, 0.22
HSL	154°, 72%, 46%
HSV	154°, 84%, 78%
XYZ	25.1778, 43.1904, 27.4317
YIQ	141.8590, -76.4200, -57.7960

# Conversions

## Conversions Part 2

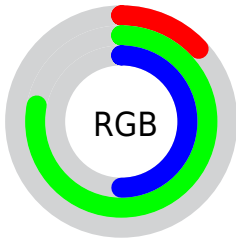
Format	Color
<a href="#">RYB</a>	<a href="#">33, 139, 200</a>
Decimal	<a href="#">2214016</a>
CIELab	<a href="#">71.68, -56.83, 24.86</a>
CIELCh	<a href="#">72, 62.032, 156.372</a>
Yxy	<a href="#">43.1904, 0.2628, 0.4508</a>
Android (android.graphics.Color)	<a href="#">4280404096 (0xFF21C880)</a>
YUV	<a href="#">141.8590, -6.8325, -95.4693</a>
Hunter-Lab	<a href="#">65.7194, -46.6238, 21.2556</a>

# Details

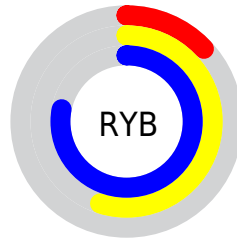
The Android color `4280404096` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark muted spring green. A complement of this color would be `4291305833`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4285398965`, and `4278227278` is the 20% darker color. If you saturate the color by 10%, you get `4279093367`, and if you desaturate by 10%, it is `4281714825`.

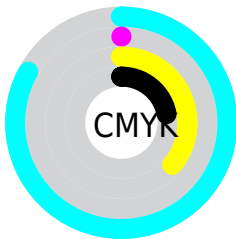
# Distribution



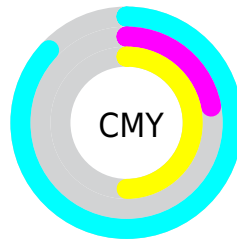
- Red (13%)
- Green (78%)
- Blue (50%)



- Red (13%)
- Yellow (55%)
- Blue (78%)



- Cyan (83%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (87%)
- Magenta (22%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280404096 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 4280404096 by changing the saturation by 10% instead.





4280404096



4280404096

4294967295



4278234215



4285398965



4278227278



4287430609



4278220343



4289462253



4278213664



4291428351



4278207241



4293459967



4278201344



4278192896



4278190080



4280404096



4280404096

■ 4279093367

■ 4281714825

■ 4278241394

■ 4283025553

■ 4284336282

■ 4285647010

■ 4286957739

■ 4288268468

■ 4289579196

■ 4290889925

■ 4292200654

# Harmonies

## Analogous

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



4287086415



4280404096



4278242234

# Triad

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



4280404096



4283675391



4294936431

# Complementary

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



4280404096



4291305833

# 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.



4294933670



4280404096



4290944255

# Square

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



4280404096



4278239999



4294870494



4294089798

# Rectangle

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



4280404096



4278242272



4294870494



4294934913

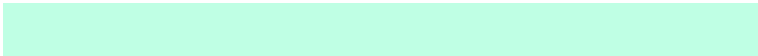


# Sweetspot

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



4280404096



4290772964



4285122593



4284055663



4278190080



4286611584



# Same Dimension

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



4280404096



4278255505



4280401352



4284113759



4278231901



4278199316



# Inverse Universe

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



4291305833



4294901870



4291308577



4284701278



4288872518

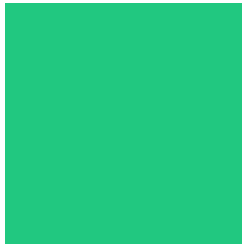


4280549391



# Previews

## White Background



This preview shows how the Android color 4280404096 looks on a white background.

## Color Contrast Check

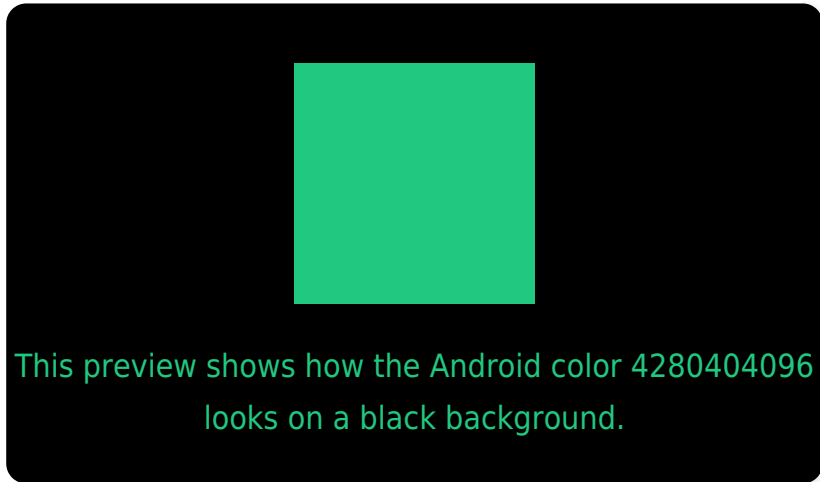
Large Text (above 18pt) WCAG AA × Fail

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

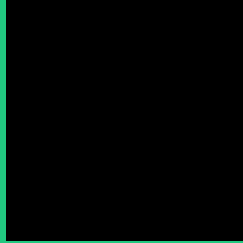
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280404096 Background



This preview shows how black text looks on a background with the Android color 4280404096.



This preview shows how white text looks on a background with the Android color 4280404096.

# 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**

4280404096



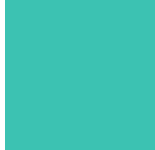
**Protanomaly**

4286887801



**Deuteranomaly**

4287542149



**Tritanomaly**

4282172082

# Monochromacy



**Original Color**

4280404096



**Achromatopsia**

4287532686



**Achromatomaly**

4284916617

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280404096 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, 200, 128)` looks like.

```
.text, #text, p{  
    color:rgb(33, 200, 128)  
}
```

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, 200, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 200, 128) }
```

## Border

The CSS property to change the border of an element to Android 4280404096 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, 200, 128) }
```

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

```
.border{ border-color:rgb(33, 200, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 200, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 200, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 200, 128);  
box-shadow:4px 4px 4px 4px rgb(33, 200,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4280404096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 200, 128) }
```

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

```
.background{ background-color: rgb(33, 200,  
128) }
```

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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