

Converting Colors

Android(4278242948)

Have a look what the booklet for
Android(4278242948) contains.

Android(4278242948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278242948)

Conversions

Conversions Part 1

Format	Color
Hex	00CE84
RGB	0, 206, 132
RGB Percent	0%, 81%, 52%
CMY	1.0000, 0.1922, 0.4824
CMYK	1.00, 0.00, 0.36, 0.19
HSL	158°, 100%, 40%
HSV	158°, 100%, 81%
XYZ	26.2362, 45.8086, 29.2889
YIQ	135.9700, -99.0220, -66.6860

Conversions

Conversions Part 2

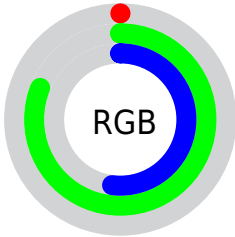
Format	Color
RYB	0, 126, 206
Decimal	52868
CIELab	73.42, -59.88, 25.07
CIELCh	73, 64.917, 157.284
Yxy	45.8086, 0.2589, 0.4521
Android (android.graphics.Color)	4278242948 (0xFF00CE84)
YUV	135.9700, -1.9572, -119.2457
Hunter-Lab	67.6820, -49.2500, 21.7201

Details

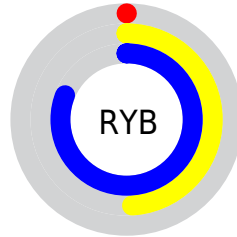
The Android color `4278242948` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291690570`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4284940218`, and `4278228562` is the 20% darker color. If you saturate the color by 10%, you get `4278242948`, and if you desaturate by 10%, it is `4279619211`.

Distribution



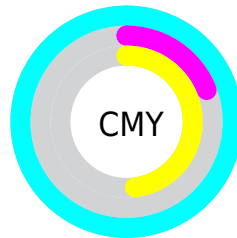
- Red (0%)
- Green (81%)
- Blue (52%)



- Red (0%)
- Yellow (49%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242948 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 4278242948 by changing the saturation by 10% instead.

 4278242948

 4278242948

4294967295

 4278235754

 4284940218

 4278228562

 4287102933

 4278221626

 4289134578

 4278214947

 4291166207

 4278208525

 4293197823

 4278202624

 4278195200

 4278190080

 4278242948

 4279619211

 4280929939

 4282306202

 4283616930

 4284993193

 4286369456

 4287680184

 4289056447

 4290367175

Harmonies

Analogous

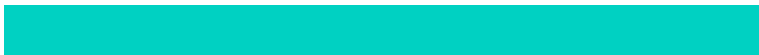
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287153487



4278242948



4278243778

Triad

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



4278242948



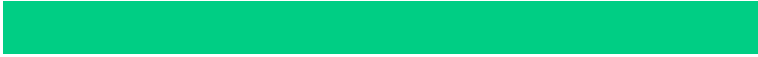
4283807487



4294937199

Complementary

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



4278242948



4291690570

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.



4294933928



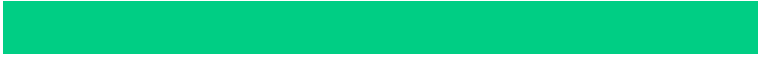
4278242948



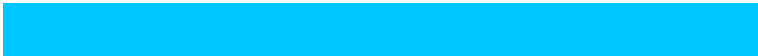
4291469055

Square

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



4278242948



4278241279



4294936548



4294549827

Rectangle

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



4278242948



4278243817



4294936548



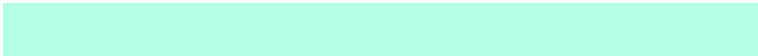
4294935681

Sweetspot

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



4278242948



4289986532



4283223552



4283596911



4278190080



4286611584

Same Dimension

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



4278242948



4278255523



4278236110



4284245602



4278232682



4278199833

Inverse Universe

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



4291690570



4294901852



4291697408



4284898399



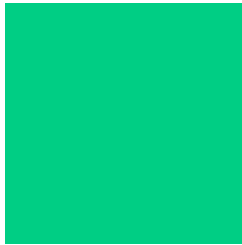
4289069116



4280680462

Previews

White Background



This preview shows how the Android color 4278242948 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 4278242948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

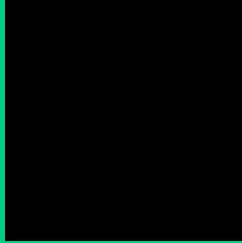
Any Text WCAG AA ✓ Pass

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 4278242948 Background



This preview shows how black text looks on a background with the Android color 4278242948.



This preview shows how white text looks on a background with the Android color 4278242948.

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

4278242948



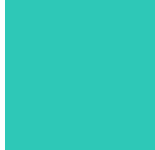
Protanomaly

4286299517



Deuteranomaly

4286953609



Tritanomaly

4281256119

Monochromacy



Original Color

4278242948



Achromatopsia

4287137928



Achromatomaly

4283933063

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242948 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(0, 206, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 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(0, 206, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 132) }
```

Border

The CSS property to change the border of an element to Android 4278242948 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(0, 206, 132) }
```

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

```
.border{ border-color:rgb(0, 206, 132) }
```

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

Here you see how a box with a 4 pixel rgb(0, 206, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 206,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4278242948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 206, 132) }
```

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

```
.background{ background-color: rgb(0, 206,  
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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