

Converting Colors

Android(4278242953)

Have a look what the booklet for
Android(4278242953) contains.

Android(4278242953)	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(4278242953)

Conversions

Conversions Part 1

Format	Color
Hex	00CE89
RGB	0, 206, 137
RGB Percent	0%, 81%, 54%
CMY	1.0000, 0.1922, 0.4627
CMYK	1.00, 0.00, 0.33, 0.19
HSL	160°, 100%, 40%
HSV	160°, 100%, 81%
XYZ	26.5867, 45.9488, 31.1346
YIQ	136.5400, -100.6270, -65.1310

Conversions

Conversions Part 2

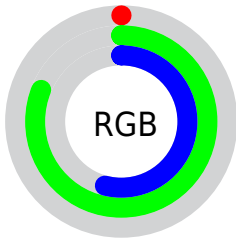
Format	Color
RYB	0, 124, 206
Decimal	52873
CIELab	73.51, -58.83, 22.57
CIELCh	74, 63.011, 159.012
Yxy	45.9488, 0.2565, 0.4432
Android (android.graphics.Color)	4278242953 (0xFF00CE89)
YUV	136.5400, 0.2268, -119.7456
Hunter-Lab	67.7855, -48.6138, 20.2173

Details

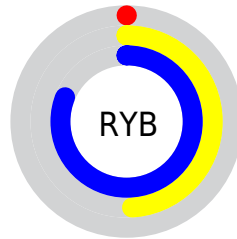
The Android color `4278242953` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291690565`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4284940223`, and `4278228567` is the 20% darker color. If you saturate the color by 10%, you get `4278242953`, and if you desaturate by 10%, it is `4279619216`.

Distribution



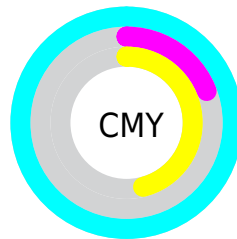
- Red (0%)
- Green (81%)
- Blue (54%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242953 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 4278242953 by changing the saturation by 10% instead.

 4278242953

 4278242953

4294967295

 4278235759

 4284940223

 4278228567

 4287102939

 4278221631

 4289134583

 4278214952

 4291166207

 4278208530

 4293197823

 4278202624

 4278195456

 4278190080

 4278242953

 4279619216

 4280929943

 4282306206

 4283616933

 4284993195

 4286369458

 4287680185

 4289056448

 4290367175

Harmonies

Analogous

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



4286957142



4278242953



4278243781

Triad

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



4278242953



4284855807



4294937967

Complementary

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



4278242953



4291690565

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.



4294934693



4278242953



4291796735

Square

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



4278242953



4278241023



4294936799



4294288198

Rectangle

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



4278242953



4278243563



4294936799



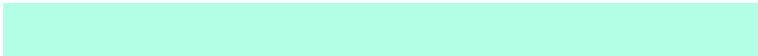
4294936448

Sweetspot

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



4278242953



4289986533



4282961408



4283596912



4278190080



4286611584

Same Dimension

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



4278242953



4278255530



4278235086



4284245603



4278232686



4278199833

Inverse Universe

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



4291690565



4294901845



4291698432



4284898399



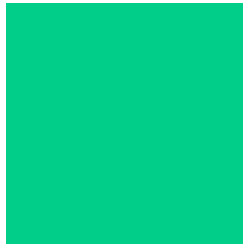
4289069112



4280680461

Previews

White Background



This preview shows how the Android color 4278242953 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 4278242953 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 4278242953 Background



This preview shows how black text looks on a background with the Android color 4278242953.



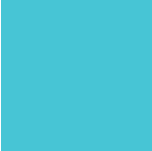
This preview shows how white text looks on a background with the Android color 4278242953.

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





Tritanopia
4282893781

Trichromacy



Original Color

4278242953



Protanomaly

4286299521



Deuteranomaly

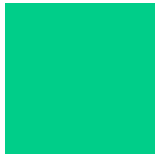
4286888078



Tritanomaly

4281190585

Monochromacy



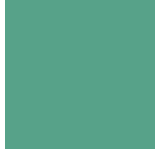
Original Color

4278242953



Achromatopsia

4287203721



Achromatomaly

4283933321

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242953 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 206, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 206, 137) }
```

Border

The CSS property to change the border of an element to Android 4278242953 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, 137) }
```

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

```
.border{ border-color:rgb(0, 206, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 206, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 206, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 206,  
137) }
```

Background

The CSS property to change the background color of an element to Android 4278242953 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, 137) }
```

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

```
.background{ background-color: rgb(0, 206,  
137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor