

# Converting Colors

Android(4282242233)

Have a look what the booklet for  
Android(4282242233) contains.

<b>Android(4282242233)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4282242233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DD4B9
RGB	61, 212, 185
RGB Percent	24%, 83%, 73%
CMY	0.7608, 0.1686, 0.2745
CMYK	0.71, 0.00, 0.13, 0.17
HSL	169°, 64%, 54%
HSV	169°, 71%, 83%
XYZ	34.2249, 51.5818, 54.0514
YIQ	163.7730, -81.3290, -40.4090

# Conversions

## Conversions Part 2

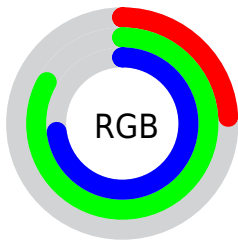
Format	Color
<a href="#">RYB</a>	<a href="#">61, 144, 212</a>
Decimal	<a href="#">4052153</a>
CIELab	<a href="#">77.03, -45.27, 2.04</a>
CIELCh	<a href="#">77, 45.321, 177.424</a>
Yxy	<a href="#">51.5818, 0.2447, 0.3688</a>
Android (android.graphics.Color)	<a href="#">4282242233 (0xFF3DD4B9)</a>
YUV	<a href="#">163.7730, 10.4649, -90.1319</a>
Hunter-Lab	<a href="#">71.8205, -40.6246, 5.6533</a>

# Details


The Android color `4282242233` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292099416`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4286709745`, and `4278230148` is the 20% darker color. If you saturate the color by 10%, you get `4280865973`, and if you desaturate by 10%, it is `4283618493`.

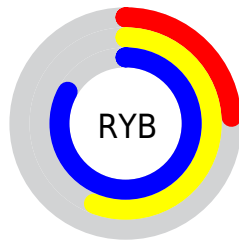
# Distribution



 Red (24%)

 Green (83%)

 Blue (73%)




 Red (24%)

 Yellow (56%)

 Blue (83%)

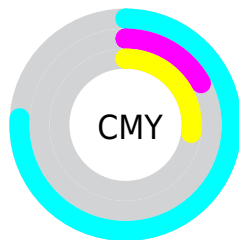



 Cyan (71%)

 Magenta (0%)

 Yellow (13%)

 Black (17%)



 Cyan (76%)

 Magenta (17%)

 Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282242233 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 4282242233 by changing the saturation by 10% instead.



 4282242233

 4282242233

4294967295

 4278237342

 4286709745

 4278230148

 4288675839

 4278223467

 4290707455

 4278216787

 4292673535

 4278210364

 4294705151

 4278204198

 4278198546

 4278190080

 4282242233

 4282242233

■ 4280865973

■ 4283618493

■ 4279489713

■ 4284994753

■ 4278244526

■ 4286436548

■ 4287812808

■ 4289189068

■ 4290565328

■ 4291941588

■ 4293383383

■ 4294759643

# Harmonies

## Analogous

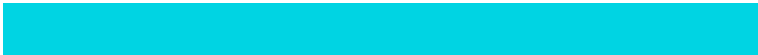
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286566544



4282242233



4278244579

# Triad

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



4282242233



4290622975



4294814841

# Complementary

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



4282242233



4292099416

# 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.



4294942874



4282242233



4293895916

# Square

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



4282242233



4285973759



4294942148



4292655721

# Rectangle

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



4282242233



4278243835



4294942148



4294944642

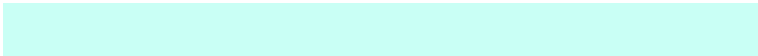


# Sweetspot

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



4282242233



4291428341



4284077117



4284514426



4278190080



4286611584



# Same Dimension

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



4282242233



4280745944



4282229972



4284509033



4278233996



4278201124



# Inverse Universe

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



4292099416



4294911565



4292111677



4285227106



4289396767

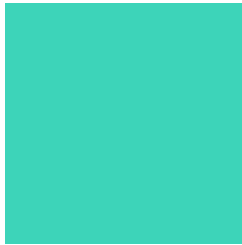


4281008136



# Previews

## White Background



This preview shows how the Android color 4282242233 looks on a white background.

## Color Contrast Check

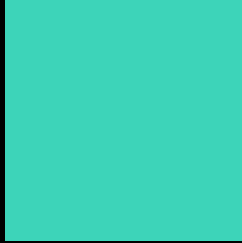
Large Text (above 18pt) WCAG AA × Fail

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 4282242233 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

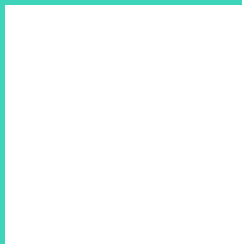
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282242233 Background



This preview shows how black text looks on a background with the Android color 4282242233.



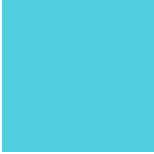
This preview shows how white text looks on a background with the Android color 4282242233.

# 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**  
4283551711

# Trichromacy



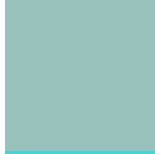
**Original Color**

4282242233



**Protanomaly**

4287874481



**Deuteranomaly**

4288266941



**Tritanomaly**

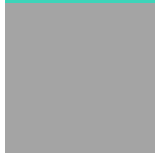
4283093457

# Monochromacy



**Original Color**

4282242233



**Achromatopsia**

4288980132



**Achromatomaly**

4286559660

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282242233 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(61, 212, 185)` looks like.

```
.text, #text, p{  
    color:rgb(61, 212, 185)  
}
```

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(61, 212, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 212, 185) }
```

## Border

The CSS property to change the border of an element to Android 4282242233 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(61, 212, 185) }
```

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

```
.border{ border-color:rgb(61, 212, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 212, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 212, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 212, 185);  
box-shadow:4px 4px 4px 4px rgb(61, 212,  
185) }
```

# Background

The CSS property to change the background color of an element to Android 4282242233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 212, 185) }
```

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

```
.background{ background-color: rgb(61, 212,  
185) }
```

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