

# Converting Colors

Android(4282303889)

Have a look what the booklet for  
Android(4282303889) contains.

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# **Color**

**Android(4282303889)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EC591
RGB	62, 197, 145
RGB Percent	24%, 77%, 57%
CMY	0.7569, 0.2275, 0.4314
CMYK	0.69, 0.00, 0.26, 0.23
HSL	157°, 54%, 51%
HSV	157°, 69%, 77%
XYZ	27.0637, 43.0010, 33.6617
YIQ	150.7070, -63.7680, -44.7920

# Conversions

## Conversions Part 2

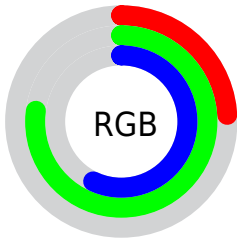
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 146, 197
Decimal	4113809
CIELab	71.56, -48.45, 15.72
CIELCh	72, 50.940, 162.022
Yxy	43.0010, 0.2609, 0.4146
Android (android.graphics.Color)	4282303889 (0xFF3EC591)
YUV	150.7070, -2.8136, -77.7960
Hunter-Lab	65.5751, -41.0872, 15.4673

# Details

The Android color `4282303889` is a dark color, and the websafe version is hex `33CC99`. The color can be described as middle muted spring green. A complement of this color would be `4291116658`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4286447559`, and `4278226526` is the 20% darker color. If you saturate the color by 10%, you get `4280993161`, and if you desaturate by 10%, it is `4283614617`.

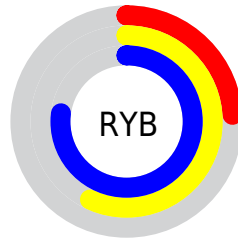
# Distribution



Red (24%)

Green (77%)

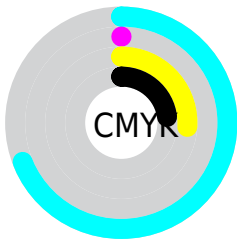
Blue (57%)



Red (24%)

Yellow (57%)

Blue (77%)

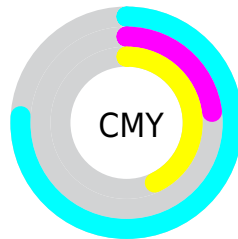


Cyan (69%)

Magenta (0%)

Yellow (26%)

Black (23%)



Cyan (76%)

Magenta (23%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282303889 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 4282303889 by changing the saturation by 10% instead.





4282303889



4282303889

4294967295



4279150967



4286447559



4278226526



4288413667



4278219847



4290379775



4278213168



4292345855



4278206747



4294311935



4278201345



4278192896



4278190080



4282303889



4282303889

■ 4280993161

■ 4283614617

■ 4279747970

■ 4284859808

■ 4278437242

■ 4286170536

■ 4278240633

■ 4287481263

■ 4288791991

■ 4290037183

■ 4291347910

■ 4292658638

■ 4293903829

# Harmonies

## Analogous

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



4287020648



4282303889



4278241217

# Triad

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



4282303889



4286885631



4294873715

# Complementary

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



4282303889



4291116658

# 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.



4294936734



4282303889



4291534069

# Square

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



4282303889



4278238463



4294413517



4293043030

# Rectangle

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



4282303889



4278240991



4294413517



4294938241

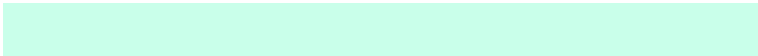


# Sweetspot

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



4282303889



4291428330



4285842750



4284514419



4278190080



4286611584



# Same Dimension

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



4282303889



4281270190



4282300357



4284113760



4278231908



4278199318



# Inverse Universe

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



4291116658



4294913662



4291120190



4284701277



4288872511

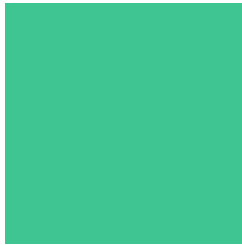


4280549390



# Previews

## White Background



This preview shows how the Android color 4282303889 looks on a white background.

## Color Contrast Check

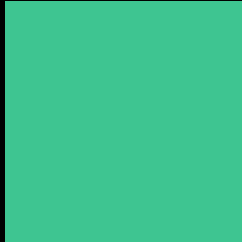
Large Text (above 18pt) WCAG AA × Fail

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 4282303889 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 4282303889 Background



This preview shows how black text looks on a background with the Android color 4282303889.



This preview shows how white text looks on a background with the Android color 4282303889.

# 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**

4282303889



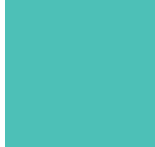
**Protanomaly**

4287477386



**Deuteranomaly**

4288000661



**Tritanomaly**

4283285687

# Monochromacy



**Original Color**

4282303889



**Achromatopsia**

4288124823



**Achromatomaly**

4286032021

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282303889 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(62, 197, 145)` looks like.

```
.text, #text, p{  
    color:rgb(62, 197, 145)  
}
```

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(62, 197, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 197, 145) }
```

## Border

The CSS property to change the border of an element to Android 4282303889 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(62, 197, 145) }
```

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

```
.border{ border-color:rgb(62, 197, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 197, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 197, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 197, 145);  
box-shadow:4px 4px 4px 4px rgb(62, 197,  
145) }
```

# Background

The CSS property to change the background color of an element to Android 4282303889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 197, 145) }
```

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

```
.background{ background-color: rgb(62, 197,  
145) }
```

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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