

# Converting Colors

Android(4282370682)

Have a look what the booklet for  
Android(4282370682) contains.

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# **Color**

**Android(4282370682)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FCA7A
RGB	63, 202, 122
RGB Percent	25%, 79%, 48%
CMY	0.7529, 0.2078, 0.5216
CMYK	0.69, 0.00, 0.40, 0.21
HSL	145°, 57%, 52%
HSV	145°, 69%, 79%
XYZ	26.6833, 44.7030, 25.6345
YIQ	151.3190, -57.1640, -54.3480

# Conversions

## Conversions Part 2

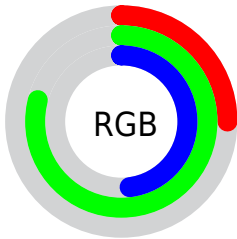
Format	Color
<a href="#">RYB</a>	<a href="#">63, 161, 202</a>
Decimal	<a href="#">4180602</a>
CIELab	<a href="#">72.70, -54.92, 29.43</a>
CIELCh	<a href="#">73, 62.304, 151.814</a>
Yxy	<a href="#">44.7030, 0.2750, 0.4608</a>
Android (android.graphics.Color)	<a href="#">4282370682 (0xFF3FCA7A)</a>
YUV	<a href="#">151.3190, -14.4543, -77.4558</a>
Hunter-Lab	<a href="#">66.8603, -45.7679, 24.0701</a>

# Details

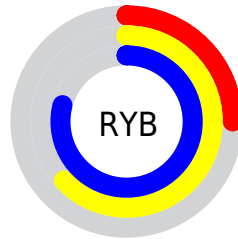
The Android color `4282370682` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291444623`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4286578607`, and `4278227784` is the 20% darker color. If you saturate the color by 10%, you get `4281059950`, and if you desaturate by 10%, it is `4283681414`.

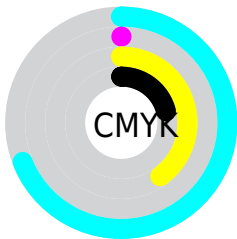
# Distribution



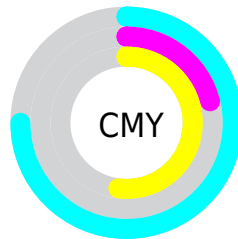
- Red (25%)
- Green (79%)
- Blue (48%)



- Red (25%)
- Yellow (63%)
- Blue (79%)



- Cyan (69%)
- Magenta (0%)
- Yellow (40%)
- Black (21%)



- Cyan (75%)
- Magenta (21%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282370682 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 4282370682 by changing the saturation by 10% instead.





4282370682



4282370682

4294967295



4279217761



4286578607



4278227784



4288544715



4278220848



4290445287



4278214169



4292411391



4278207745



4294443007



4278202112



4278194432



4278190080



4282370682



4282370682

 4281059950

 4283681414

 4279749219

 4284992145

 4278372951


 4286368413

 4278241878

 4287679145

 4288989876

 4290300608

 4291611339

 4292987607

 4294298339

# Harmonies

## Analogous

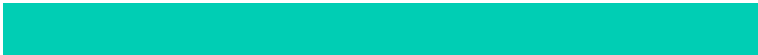
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287938635



4282370682



4278242996

# Triad

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



4282370682



4281645311



4294936441

# Complementary

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



4282370682



4291444623

# 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.



4294934449



4282370682



4290355967

# Square

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



4282370682



4278241023



4294675433



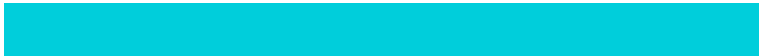
4294679373

# Rectangle

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



4282370682



4278243035



4294675433



4294935179

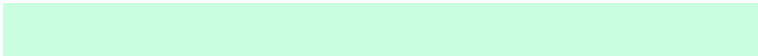


# Sweetspot

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



4282370682



4291428320



4287679039



4284514413



4278190080



4286611584



# Same Dimension

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



4282370682



4281073541



4282370750



4284245600



4278232646



4278199824



# Inverse Universe

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



4291444623



4294912933



4291444555



4284898402



4289069151

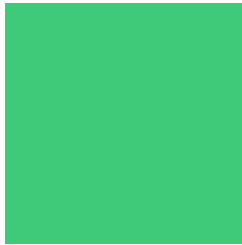


4280680470



# Previews

## White Background



This preview shows how the Android color 4282370682 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 4282370682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

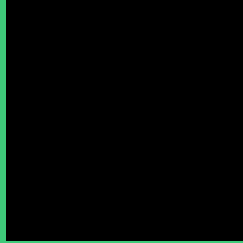
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282370682 Background



This preview shows how black text looks on a background with the Android color 4282370682.



This preview shows how white text looks on a background with the Android color 4282370682.

# 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**

4282370682



**Protanomaly**

4287806068



**Deuteranomaly**

4288460159



**Tritanomaly**

4283679920

# Monochromacy



**Original Color**

4282370682



**Achromatopsia**

4288124823



**Achromatomaly**

4286032524

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282370682 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(63, 202, 122)` looks like.

```
.text, #text, p{  
    color:rgb(63, 202, 122)  
}
```

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(63, 202, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 202, 122) }
```

## Border

The CSS property to change the border of an element to Android 4282370682 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(63, 202, 122) }
```

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

```
.border{ border-color:rgb(63, 202, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 202, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 202, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 202, 122);  
box-shadow:4px 4px 4px 4px rgb(63, 202,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4282370682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 202, 122) }
```

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

```
.background{ background-color: rgb(63, 202,  
122) }
```

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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