

# Converting Colors

Android(4282035058)

Have a look what the booklet for  
Android(4282035058) contains.

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# Color

**Android(4282035058)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3AAB72                       |
| RGB         | 58, 171, 114                 |
| RGB Percent | 23%, 67%, 45%                |
| CMY         | 0.7725, 0.3294, 0.5529       |
| CMYK        | 0.66, 0.00, 0.33, 0.33       |
| HSL         | 150°, 49%, 45%               |
| HSV         | 150°, 66%, 67%               |
| XYZ         | 19.3451, 31.2403, 20.9300    |
| YIQ         | 130.7150, -49.0510, -41.6830 |

# Conversions

## Conversions Part 2

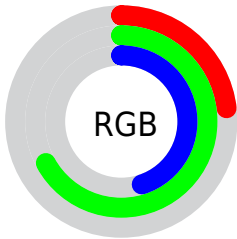
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">58, 134, 171</a>                    |
| Decimal                             | <a href="#">3844978</a>                         |
| CIELab                              | <a href="#">62.71, -45.15, 20.28</a>            |
| CIELCh                              | <a href="#">63, 49.500, 155.812</a>             |
| Yxy                                 | <a href="#">31.2403, 0.2705,<br/>0.4368</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4282035058<br/>(0xFF3AAB72)</a>     |
| YUV                                 | <a href="#">130.7150, -8.2405,<br/>-63.7711</a> |
| Hunter-Lab                          | <a href="#">55.8930, -36.0322,<br/>16.9231</a>  |

# Details

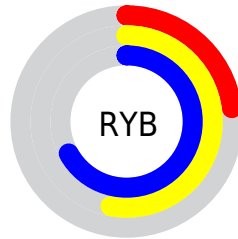
The Android color **4282035058** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **4289411699**, and the grayscale version is **4286808963**.

A 20% lighter version of the original color is **4285981606**, and **4278220353** is the 20% darker color. If you saturate the color by 10%, you get **4280920937**, and if you desaturate by 10%, it is **4283149179**.

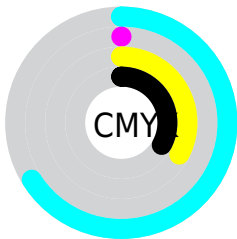
# Distribution



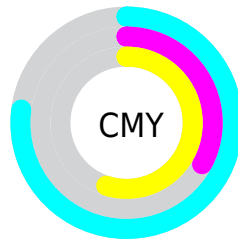
- Red (23%)
- Green (67%)
- Blue (45%)



- Red (23%)
- Yellow (53%)
- Blue (67%)



- Cyan (66%)
- Magenta (0%)
- Yellow (33%)
- Black (33%)



- Cyan (77%)
- Magenta (33%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282035058 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 4282035058 by changing the saturation by 10% instead.



 4282035058

 4282035058

4294967295

 4279406681

 4285981606


 4278220353

 4287823809

 4278213675

 4289724381

 4278207509

 4291624954

 4278201600

 4293591039

 4278194432

 4278190080

 4282035058

 4282035058

 4280920937

 4283149179

■ 4279806817

■ 4284263299

■ 4278692696

■ 4285377420

■ 4278233941

■ 4286491541

■ 4287605661

■ 4288785318

■ 4289899438

■ 4291013559

■ 4292127680

# Harmonies

## Analogous

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



4286293069



4282035058



4278234783

# Triad

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



4282035058



4283931375



4293228903

# Complementary

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



4282035058



4289411699

# 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.



4293489041



4282035058



4289104351

# Square

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



4282035058



4278232807



4292180157



4291725383

# Rectangle

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



4282035058



4278234557



4292180157



4293490036



# Sweetspot

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



4282035058



4289846983



4285836090



4283789411



4293980400



4285558896



# Same Dimension

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



4282035058



4281327237



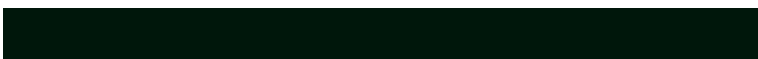
4282035113



4283324242



4278228555



4278195979



# Inverse Universe

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



4289411699



4292751239



4289411644



4283911762



4288020556



4279697420



# Previews

## White Background



This preview shows how the Android color 4282035058 looks on a white background.

## Color Contrast Check

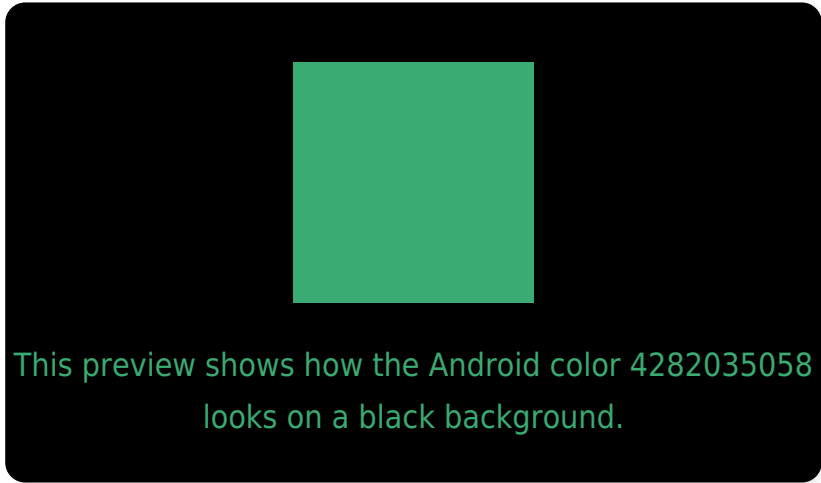
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4282035058 Background



This preview shows how black text looks on a background with the Android color 4282035058.



This preview shows how white text looks on a background with the Android color 4282035058.

# 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**

4282035058



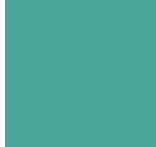
**Protanomaly**

4286422636



**Deuteranomaly**

4286945910



**Tritanomaly**

4282951321

# Monochromacy



**Original Color**

4282035058



**Achromatopsia**

4286808963



**Achromatomaly**

4285043325

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282035058 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(58, 171, 114)` looks like.

```
.text, #text, p{  
    color:rgb(58, 171, 114)  
}
```

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(58, 171, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 171, 114) }
```

## Border

The CSS property to change the border of an element to Android 4282035058 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(58, 171, 114) }
```

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

```
.border{ border-color:rgb(58, 171, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 171, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 171, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 171, 114);  
box-shadow:4px 4px 4px 4px rgb(58, 171,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4282035058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 171, 114) }
```

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

```
.background{ background-color: rgb(58, 171,  
114) }
```

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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