

# Converting Colors

Android(4281908083)

Have a look what the booklet for  
Android(4281908083) contains.

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# **Color**

**Android(4281908083)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 38BB73                       |
| RGB         | 56, 187, 115                 |
| RGB Percent | 22%, 73%, 45%                |
| CMY         | 0.7804, 0.2667, 0.5490       |
| CMYK        | 0.70, 0.00, 0.39, 0.27       |
| HSL         | 147°, 54%, 48%               |
| HSV         | 147°, 70%, 73%               |
| XYZ         | 22.4957, 37.6192, 22.2952    |
| YIQ         | 139.6230, -54.9640, -50.1640 |

# Conversions

## Conversions Part 2

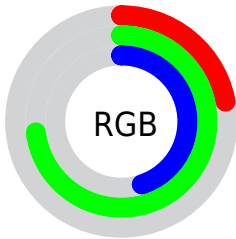
| Format                              | Color                                            |
|-------------------------------------|--------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">56, 146, 187</a>                     |
| Decimal                             | <a href="#">3718003</a>                          |
| CIELab                              | <a href="#">67.74, -51.66, 26.50</a>             |
| CIELCh                              | <a href="#">68, 58.059, 152.847</a>              |
| Yxy                                 | <a href="#">37.6192, 0.2730,<br/>0.4565</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4281908083<br/>(0xFF38BB73)</a>      |
| YUV                                 | <a href="#">139.6230, -12.1391,<br/>-73.3374</a> |
| Hunter-Lab                          | <a href="#">61.3345, -41.8667,<br/>21.3821</a>   |

# Details

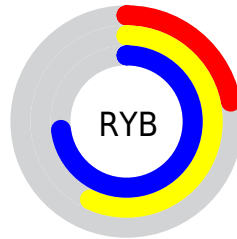
The Android color `4281908083` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4290459776`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286051496`, and `4278224194` is the 20% darker color. If you saturate the color by 10%, you get `4280662889`, and if you desaturate by 10%, it is `4283153277`.

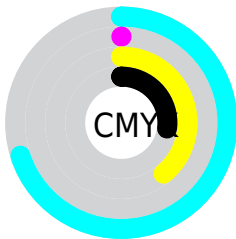
# Distribution



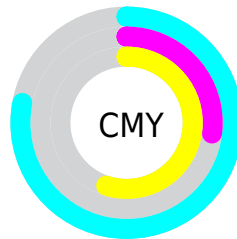
- Red (22%)
- Green (73%)
- Blue (45%)



- Red (22%)
- Yellow (57%)
- Blue (73%)



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)
- Black (27%)




- Cyan (78%)
- Magenta (27%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281908083 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 4281908083 by changing the saturation by 10% instead.



 4281908083

 4281908083

4294967295

 4278361946

 4286051496

 4278224194

 4288020419

 4278217259

 4289920991

 4278210836


 4291887100

 4278204672

 4293853183

 4278198784

 4278190080

 4281908083

 4281908083

 4280662889

 4283153277

 4279483230

 4284332936

 4278238036


 4285578130

 4286823324

 4288002982

 4289248177

 4290493371

 4291738565

 4292918224

# Harmonies

## Analogous

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



4287083080



4281908083



4278239145

# Triad

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



4281908083



4282231295



4294934127

# Complementary

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



4281908083



4290459776

# 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.



4294932130



4281908083



4289631741

# Square

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



4281908083



4278237183



4293492950



4293366087

# Rectangle

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



4281908083



4278238924



4293492950



4294932863

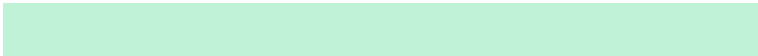


# Sweetspot

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



4281908083



4290769622



4286626616



4284250730



4294638330



4286216826



# Same Dimension

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



4281908083



4280808066



4281908148



4283784793



4278230599



4278198030



# Inverse Universe

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



4290459776



4294059927



4290459711



4284372314



4288544855



4280221713



# Previews

## White Background



This preview shows how the Android color 4281908083 looks on a white background.

## Color Contrast Check

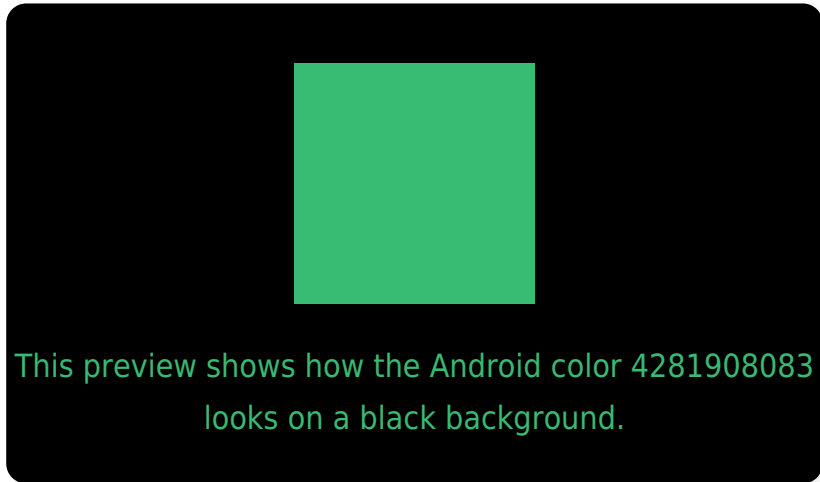
Large Text (above 18pt) WCAG AA × Fail

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

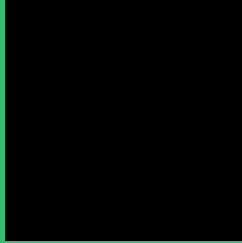
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4281908083 Background



This preview shows how black text looks on a background with the Android color 4281908083.



This preview shows how white text looks on a background with the Android color 4281908083.

# 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**

4281908083



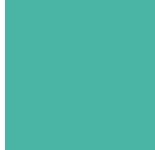
**Protanomaly**

4287016045



**Deuteranomaly**

4287604855



**Tritanomaly**

4283086244

# Monochromacy



**Original Color**

4281908083



**Achromatopsia**

4287401100



**Achromatomaly**

4285373827

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281908083 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(56, 187, 115)` looks like.

```
.text, #text, p{  
    color:rgb(56, 187, 115)  
}
```

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(56, 187, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 187, 115) }
```

## Border

The CSS property to change the border of an element to Android 4281908083 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(56, 187, 115) }
```

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

```
.border{ border-color:rgb(56, 187, 115) }
```

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

Here you see how a box with a 4 pixel rgb(56, 187, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 187, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 187, 115);  
box-shadow:4px 4px 4px 4px rgb(56, 187,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4281908083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 187, 115) }
```

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

```
.background{ background-color: rgb(56, 187,  
115) }
```

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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