

# Converting Colors

Android(4283336069)

Have a look what the booklet for  
Android(4283336069) contains.

|  |    |
|--|----|
| <b>Android(4283336069)</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(4283336069)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4E8585                       |
| RGB         | 78, 133, 133                 |
| RGB Percent | 31%, 52%, 52%                |
| CMY         | 0.6941, 0.4784, 0.4784       |
| CMYK        | 0.41, 0.00, 0.00, 0.48       |
| HSL         | 180°, 26%, 41%               |
| HSV         | 180°, 41%, 52%               |
| XYZ         | 15.7631, 20.0882, 25.2369    |
| YIQ         | 116.5550, -32.7800, -11.6600 |

# Conversions

## Conversions Part 2

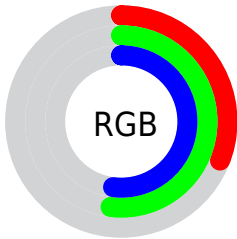
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 78, 106, 133                  |
| Decimal                             | 5145989                       |
| CIE <sub>Lab</sub>                  | 51.94, -18.12, -5.72          |
| CIE <sub>LCh</sub>                  | 52, 19.005, 197.520           |
| Yxy                                 | 20.0882, 0.2580,<br>0.3288    |
| Android<br>(android.graphics.Color) | 4283336069<br>(0xFF4E8585)    |
| YUV                                 | 116.5550, 8.1074,<br>-33.8127 |
| Hunter-Lab                          | 44.8199, -15.6567,<br>-2.0108 |

# Details

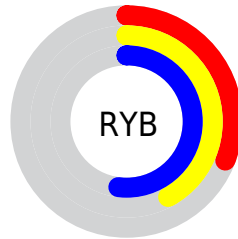
The Android color `4283336069` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4286926414`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4286757562`, and `4279849812` is the 20% darker color. If you saturate the color by 10%, you get `4282484101`, and if you desaturate by 10%, it is `4284188037`.

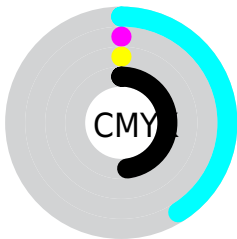
# Distribution



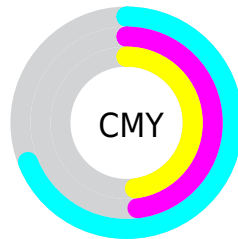
- Red (31%)
- Green (52%)
- Blue (52%)



- Red (31%)
- Yellow (42%)
- Blue (52%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (48%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283336069 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 4283336069 by changing the saturation by 10% instead.





4283336069



4283336069

4294967295



4281625708



4286757562



4279849812



4288534230



4278205501



4290376690



4278199847



4292214783



4278193682



4294115327



4278190080



4283336069



4283336069



4282484101



4284188037



4281566597



4285105541

■ 4280714629

■ 4285957509

■ 4279862661

■ 4286809477

■ 4278945157

■ 4287726981

■ 4278224261

■ 4288578949

■ 4289430917

■ 4290282885

■ 4291200389

# Harmonies

## Analogous

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



4284122484



4283336069



4283401107

# Triad

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



4283336069



4287264146



4287527004

# Complementary

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



4283336069



4286926414

# 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.



4288246629



4283336069



4288180611

# Square

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



4283336069



4285889179



4288508019



4286479965

# Rectangle

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



4283336069



4284055961



4288508019



4287854430



# Sweetspot

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



4283336069



4288261549



4283336014



4283127639



4292269782



4283914071



# Same Dimension

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



4283336069



4283936173



4283329157



4282139202



4278223490



4278190851



# Inverse Universe

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



4286926469



4289550253



4286933582



4282530882



4286709890

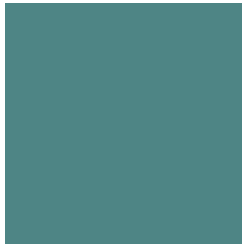


4278386691



# Previews

## White Background



This preview shows how the Android color 4283336069 looks on a white background.

## Color Contrast Check

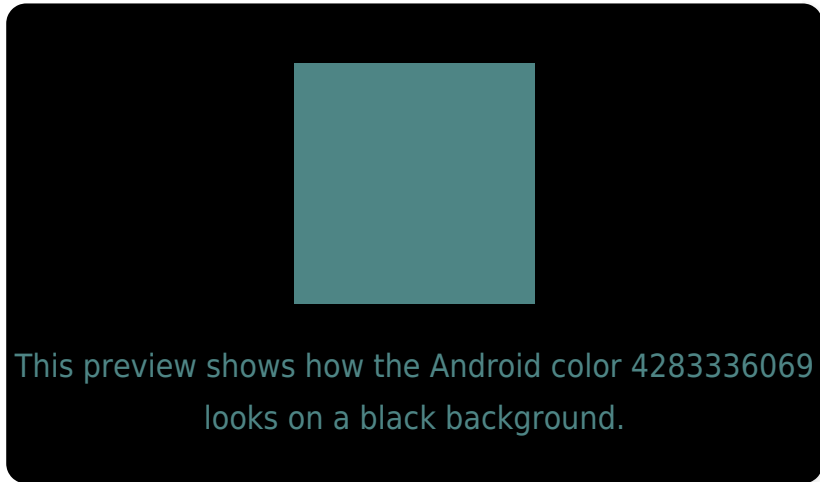
Large Text (above 18pt) WCAG AA ✓ Pass

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

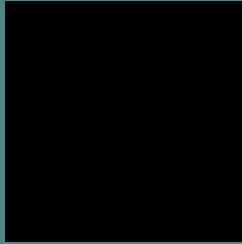
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4283336069 Background



This preview shows how black text looks on a background with the Android color 4283336069.



This preview shows how white text looks on a background with the Android color 4283336069.

# 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



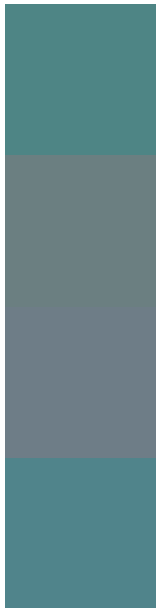
**Original Color**  
4283336069

**Protanopia**  
4286348159

**Deuteranopia**  
4286675080



# Trichromacy



**Original Color**  
4283336069

**Protanomaly**  
4285235073

**Deuteranomaly**  
4285431175

**Tritanomaly**  
4283466891

# Monochromacy



**Original Color**  
4283336069

**Achromatopsia**  
4285887861

**Achromatomaly**  
4284971899

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283336069 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(78, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(78, 133, 133)  
}
```

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(78, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 133, 133) }
```

## Border

The CSS property to change the border of an element to Android 4283336069 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(78, 133, 133) }
```

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

```
.border{ border-color:rgb(78, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(78, 133,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4283336069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 133, 133) }
```

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

```
.background{ background-color: rgb(78, 133,  
133) }
```

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