

# Converting Colors

Android(4283474603)

Have a look what the booklet for  
Android(4283474603) contains.

<b>Android(4283474603)</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(4283474603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50A2AB
RGB	80, 162, 171
RGB Percent	31%, 64%, 67%
CMY	0.6863, 0.3647, 0.3294
CMYK	0.53, 0.05, 0.00, 0.33
HSL	186°, 36%, 49%
HSV	186°, 53%, 67%
XYZ	23.5793, 30.4864, 43.1698
YIQ	138.5080, -51.7610, -14.5850

# Conversions

## Conversions Part 2

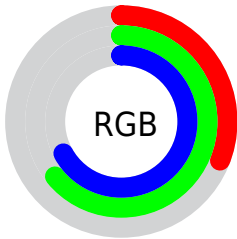
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 123, 171
Decimal	5284523
CIELab	62.07, -22.34, -12.32
CIElCh	62, 25.516, 208.874
Yxy	30.4864, 0.2425, 0.3135
Android (android.graphics.Color)	4283474603 (0xFF50A2AB)
YUV	138.5080, 16.0186, -51.3115
Hunter-Lab	55.2145, -20.3972, -7.7061

# Details

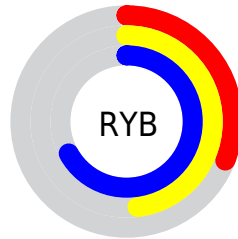
The Android color `4283474603` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289419600`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4287158754`, and `4278742647` is the 20% darker color. If you saturate the color by 10%, you get `4282359979`, and if you desaturate by 10%, it is `4284589227`.

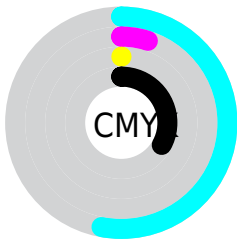
# Distribution



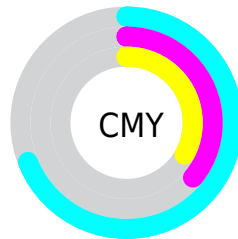
- Red (31%)
- Green (64%)
- Blue (67%)



- Red (31%)
- Yellow (48%)
- Blue (67%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (36%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283474603 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 4283474603 by changing the saturation by 10% instead.





4283474603



4283474603

4294967295



4281501840



4287158754



4278742647



4289066751



4278211934



4290904063



4278206023



4292804607



4278200368



4294770687



4278193948



4278190080



4283474603



4283474603



4282359979



4284589227

■ 4281245611

■ 4285703595

■ 4280130987

■ 4286818219

■ 4279016363

■ 4287932843

■ 4278229675

■ 4289047211

■ 4290227371

■ 4291341995

■ 4292456619

■ 4293570987

# Harmonies

## Analogous

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



4284326804



4283474603



4284194748

# Triad

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



4283474603



4289890734



4289172585

# Complementary

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



4283474603



4289419600

# 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.



4290350448



4283474603



4290872728

# Square

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



4283474603



4288188606



4291004289



4287601518

# Rectangle

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



4283474603



4285373378



4291004289



4289630826



# Sweetspot

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



4283474603



4290435806



4283476824



4284182128



4293980400



4285558896



# Same Dimension

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



4283474603



4283486430



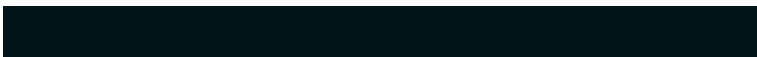
4283463339



4283323991



4278225046



4278195479



# Inverse Universe

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



4289417378



4292759760



4289430864



4283911766



4288020616

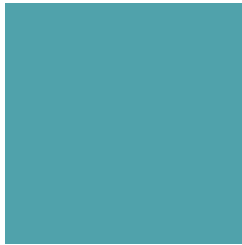


4279697429



# Previews

## White Background



This preview shows how the Android color 4283474603 looks on a white background.

## Color Contrast Check

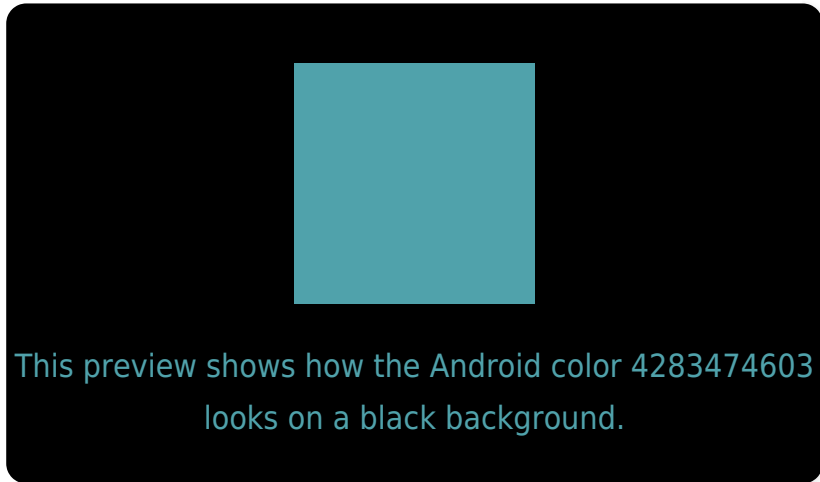
Large Text (above 18pt) WCAG AA × Fail

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

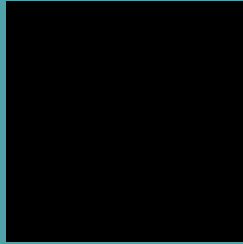
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4283474603 Background



This preview shows how black text looks on a background with the Android color 4283474603.

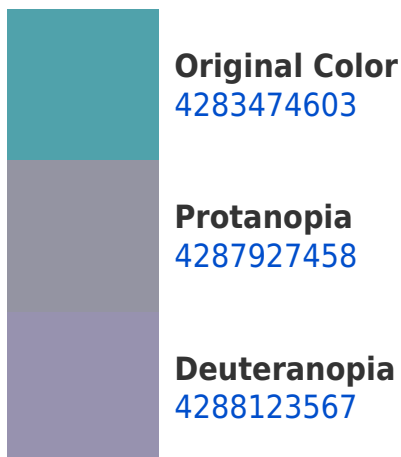


This preview shows how white text looks on a background with the Android color 4283474603.

# 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



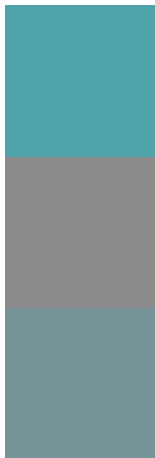
**Original Color**  
4283474603

**Protanomaly**  
4286290341

**Deuteranomaly**  
4286421166

**Tritanomaly**  
4283539886

# Monochromacy



**Original Color**  
4283474603

**Achromatopsia**  
4287335307

**Achromatomaly**  
4285961111

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283474603 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(80, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(80, 162, 171)  
}
```

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(80, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 162, 171) }
```

## Border

The CSS property to change the border of an element to Android 4283474603 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(80, 162, 171) }
```

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

```
.border{ border-color:rgb(80, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(80, 162,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4283474603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 162, 171) }
```

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

```
.background{ background-color: rgb(80, 162,  
171) }
```

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