

# Converting Colors

Android(4280330662)

Have a look what the booklet for  
Android(4280330662) contains.

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# **Color**

**Android(4280330662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20A9A6
RGB	32, 169, 166
RGB Percent	13%, 66%, 65%
CMY	0.8745, 0.3373, 0.3490
CMYK	0.81, 0.00, 0.02, 0.34
HSL	179°, 68%, 39%
HSV	179°, 81%, 66%
XYZ	21.6666, 31.4362, 41.0022
YIQ	127.6950, -80.6890, -29.9770

# Conversions

## Conversions Part 2

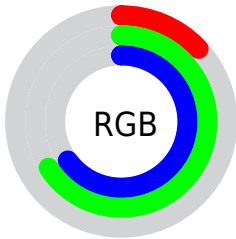
Format	Color
R <sub>Y</sub> B	32, 101, 169
Decimal	2140582
CIE Lab	62.87, -34.54, -8.44
CIE LCh	63, 35.554, 193.726
Yxy	31.4362, 0.2302, 0.3341
Android (android.graphics.Color)	4280330662 (0xFF20A9A6)
YUV	127.6950, 18.8844, -83.9245
Hunter-Lab	56.0680, -29.1405, -4.1109

# Details

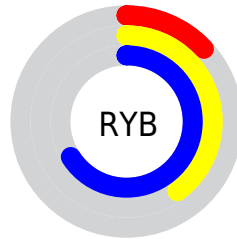
The Android color `4280330662` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289273891`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285063645`, and `4278219890` is the 20% darker color. If you saturate the color by 10%, you get `4279216550`, and if you desaturate by 10%, it is `4281444774`.

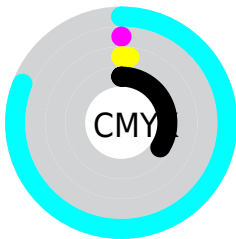
# Distribution



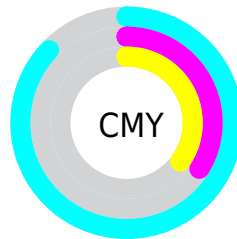
- Red (13%)
- Green (66%)
- Blue (65%)



- Red (13%)
- Yellow (40%)
- Blue (66%)



- Cyan (81%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (87%)
- Magenta (34%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280330662 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 4280330662 by changing the saturation by 10% instead.





4280330662



4280330662

4294967295



4278226572



4285063645



4278219890



4287102714



4278213466



4289069055



4278207298



4291035135



4278201388



4293001215



4278194968



4278190080



4280330662



4280330662



4279216550



4281444774

■ 4278233509

■ 4282558887

■ 4283672999

■ 4284787111

■ 4285835688

■ 4286949800

■ 4288063913

■ 4289178025

■ 4290292137

# Harmonies

## Analogous

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



4283672709



4280330662



4278364099

# Triad

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



4280330662



4289629126



4290547804

# Complementary

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



4280330662



4289273891

# 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.



4291855982



4280330662



4291527339

# Square

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



4280330662



4286748373



4292247691



4288584538

# Rectangle

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



4280330662



4281705424



4292247691



4291071328



# Sweetspot

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



4280330662



4289190874



4280658208



4283330157



4293783021



4285427310



# Same Dimension

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



4280330662



4278705111



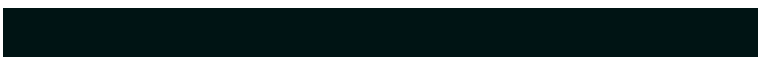
4280314281



4283192404



4278228113



4278195220



# Inverse Universe

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



4289273891



4292544267



4289290272



4283714636



4287889411



4279500800



# Previews

## White Background



This preview shows how the Android color 4280330662 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 4280330662 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 4280330662 Background



This preview shows how black text looks on a background with the Android color 4280330662.

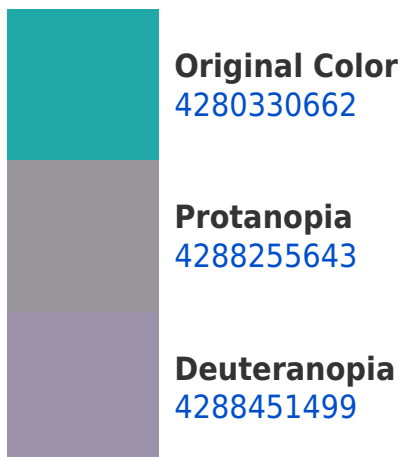


This preview shows how white text looks on a background with the Android color 4280330662.

# 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**

4280330662



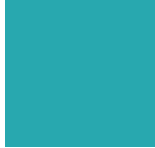
**Protanomaly**

4285373855



**Deuteranomaly**

4285504425



**Tritanomaly**

4280854703

# Monochromacy



**Original Color**

4280330662



**Achromatopsia**

4286611584



**Achromatomaly**

4284321678

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280330662 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(32, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(32, 169, 166)  
}
```

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(32, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 169, 166) }
```

## Border

The CSS property to change the border of an element to Android 4280330662 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(32, 169, 166) }
```

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

```
.border{ border-color:rgb(32, 169, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 169, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(32, 169,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4280330662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 169, 166) }
```

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

```
.background{ background-color: rgb(32, 169,  
166) }
```

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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