

Converting Colors

Android(4278233269)

Have a look what the booklet for
Android(4278233269) contains.

Android(4278233269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278233269)

Conversions

Conversions Part 1

Format	Color
Hex	00A8B5
RGB	0, 168, 181
RGB Percent	0%, 66%, 71%
CMY	1.0000, 0.3412, 0.2902
CMYK	1.00, 0.07, 0.00, 0.29
HSL	184°, 100%, 35%
HSV	184°, 100%, 71%
XYZ	22.3431, 31.3415, 48.5880
YIQ	119.2500, -104.3010, -31.5730

Conversions

Conversions Part 2

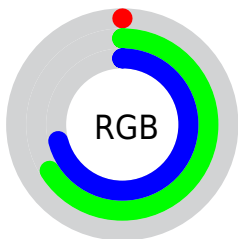
Format	Color
RYB	0, 87, 181
Decimal	43189
CIELab	62.79, -31.05, -16.98
CIELCh	63, 35.390, 208.673
Yxy	31.3415, 0.2185, 0.3065
Android (android.graphics.Color)	4278233269 (0xFF00A8B5)
YUV	119.2500, 30.4428, -104.5823
Hunter-Lab	55.9834, -26.7313, -12.2693

Details

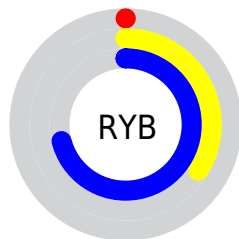
The Android color `4278233269` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4290055424`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4284604653`, and `4278219648` is the 20% darker color. If you saturate the color by 10%, you get `4278233269`, and if you desaturate by 10%, it is `4279413173`.

Distribution



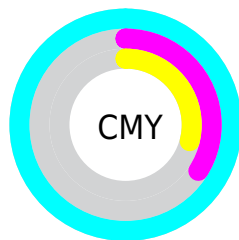
- Red (0%)
- Green (66%)
- Blue (71%)



- Red (0%)
- Yellow (34%)
- Blue (71%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233269 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 4278233269 by changing the saturation by 10% instead.

 4278233269

 4278233269

4294967295

 4278226330

 4284604653

 4278219648

 4286708991

 4278213223

 4288741375

 4278207055

 4290707455

 4278201144

 4292739071

 4278194979

 4294705151

 4278190091

 4278190080

 4278233269

■ 4279413173

■ 4280593333

■ 4281773237

■ 4282953141

■ 4284198837

■ 4285378741

■ 4286558645

■ 4287738549

■ 4288918709

Harmonies

Analogous

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



4282165653



4278233269



4281050317

Triad

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



4278233269



4290676153



4289631832

Complementary

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



4278233269



4290055424

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.



4291267427



4278233269



4291985307

Square

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



4278233269



4288254159



4292117115



4287471456

Rectangle

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



4278233269



4283736021



4292117115



4290220634

Sweetspot

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



4278233269



4288997099



4278236428



4283134581



4294309365



4285887861

Same Dimension

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



4278233269



4278246123



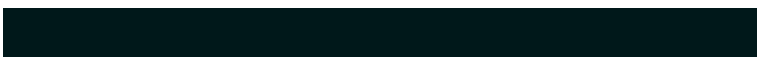
4278210229



4283455833



4278226585



4278196250

Inverse Universe

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



4290052264



4293591258



4290078464



4284043353



4288217230



4279894040

Previews

White Background



This preview shows how the Android color 4278233269 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 4278233269 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 4278233269 Background



This preview shows how black text looks on a background with the Android color 4278233269.

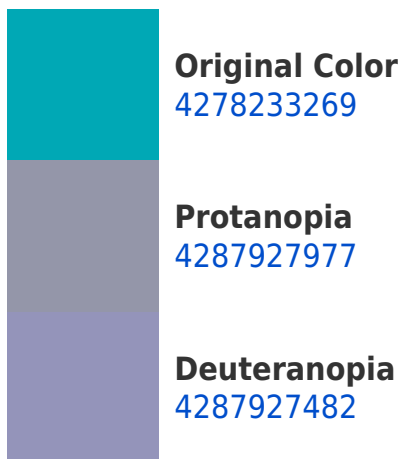


This preview shows how white text looks on a background with the Android color 4278233269.

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

4278233269



Protanomaly

4284390829



Deuteranomaly

4284390328



Tritanomaly

4278560950

Monochromacy



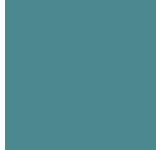
Original Color

4278233269



Achromatopsia

4286019447



Achromatomaly

4283206030

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233269 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(0, 168, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 181)  
}
```

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(0, 168, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 181) }
```

Border

The CSS property to change the border of an element to Android 4278233269 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(0, 168, 181) }
```

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

```
.border{ border-color:rgb(0, 168, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4278233269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 181) }
```

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

```
.background{ background-color: rgb(0, 168,  
181) }
```

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