

Converting Colors

Android(4278233515)

Have a look what the booklet for
Android(4278233515) contains.

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Color

Android(4278233515)

Conversions

Conversions Part 1

Format	Color
Hex	00A9AB
RGB	0, 169, 171
RGB Percent	0%, 66%, 67%
CMY	1.0000, 0.3373, 0.3294
CMYK	1.00, 0.01, 0.00, 0.33
HSL	181°, 100%, 34%
HSV	181°, 100%, 67%
XYZ	21.5387, 31.3162, 43.4375
YIQ	118.6970, -101.3660, -35.2060

Conversions

Conversions Part 2

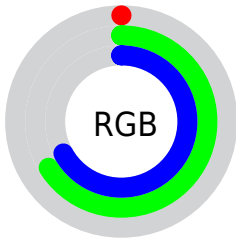
Format	Color
RYB	0, 85, 171
Decimal	43435
CIELab	62.77, -34.71, -11.41
CIELCh	63, 36.536, 198.204
Yxy	31.3162, 0.2237, 0.3252
Android (android.graphics.Color)	4278233515 (0xFF00A9AB)
YUV	118.6970, 25.7854, -104.0973
Hunter-Lab	55.9609, -29.2291, -6.8490

Details

The Android color **4278233515** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **4289397248**, and the grayscale version is **4286019447**.

A 20% lighter version of the original color is **4284539362**, and **4278219895** is the 20% darker color. If you saturate the color by 10%, you get **4278233515**, and if you desaturate by 10%, it is **4279347627**.

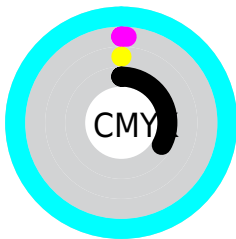
Distribution



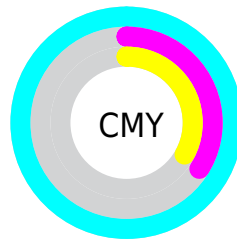
- Red (0%)
- Green (66%)
- Blue (67%)



- Red (0%)
- Yellow (33%)
- Blue (67%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233515 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 4278233515 by changing the saturation by 10% instead.

 4278233515

 4278233515

4294967295

 4278226577

 4284539362

 4278219895

 4286643967

 4278213470

 4288610303

 4278207303

 4290576383

 4278201392

 4292607999

 4278194716


 4294574079

 4278190080

 4278233515

 4279347627

 4280461739

 4281576107

 4282690219

 4283804331

 4284983979

 4286098091

 4287212459

 4288326571

Harmonies

Analogous

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



4283017354



4278233515



4278232775

Triad

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



4278233515



4290021571



4290285912

Complementary

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



4278233515



4289397248

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.



4291724905



4278233515



4291788966

Square

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



4278233515



4287141077



4292312965



4288257113

Rectangle

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



4278233515



4281967315



4292312965



4290874972

Sweetspot

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



4278233515



4288404958



4278233856



4282937456



4293980400



4285558896

Same Dimension

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



4278233515



4278246366



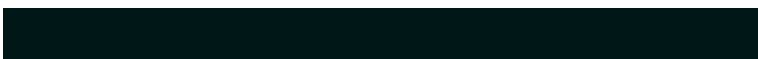
4278212011



4283324247



4278228374



4278195991

Inverse Universe

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



4289396905



4292739291



4289418496



4283911767



4288020629



4279697431

Previews

White Background



This preview shows how the Android color 4278233515 looks on a white background.

Color Contrast Check

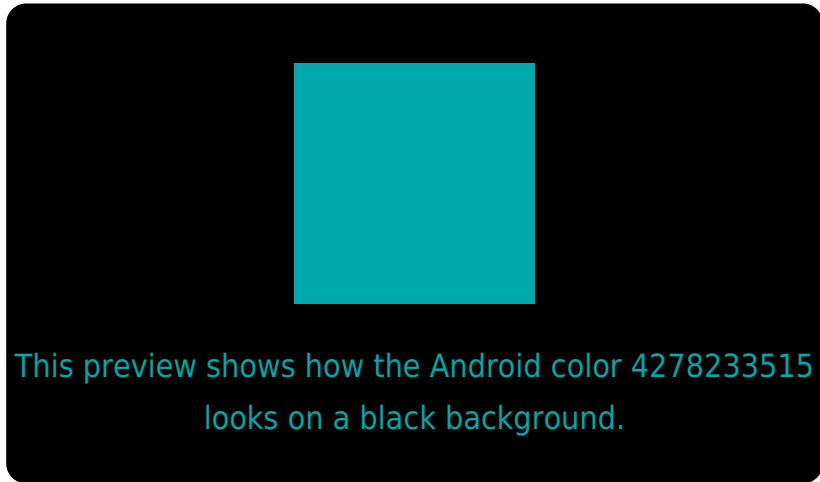
Large Text (above 18pt) WCAG AA × Fail

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

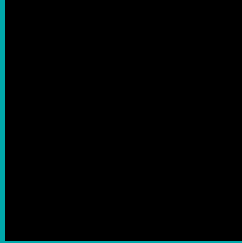
Any Text WCAG AA ✓ Pass

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 4278233515 Background



This preview shows how black text looks on a background with the Android color 4278233515.



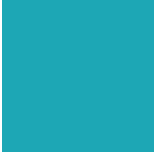
This preview shows how white text looks on a background with the Android color 4278233515.

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

4278233515



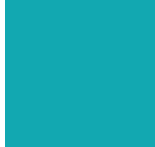
Protanomaly

4284521891



Deuteranomaly

4284652462



Tritanomaly

4279412913

Monochromacy



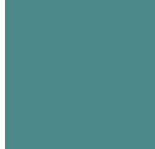
Original Color

4278233515



Achromatopsia

4286019447



Achromatomaly

4283206026

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233515 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, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 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(0, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 171) }
```

Border

The CSS property to change the border of an element to Android 4278233515 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, 169, 171) }
```

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

```
.border{ border-color:rgb(0, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4278233515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 171) }
```

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

```
.background{ background-color: rgb(0, 169,  
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](#).

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