

Converting Colors

Android(4278223252)

Have a look what the booklet for
Android(4278223252) contains.

Android(4278223252)	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(4278223252)

Conversions

Conversions Part 1

Format	Color
Hex	008194
RGB	0, 129, 148
RGB Percent	0%, 51%, 58%
CMY	1.0000, 0.4941, 0.4196
CMYK	1.00, 0.13, 0.00, 0.42
HSL	188°, 100%, 29%
HSV	188°, 100%, 58%
XYZ	13.1956, 17.8386, 30.7647
YIQ	92.5950, -82.9830, -21.4390

Conversions

Conversions Part 2

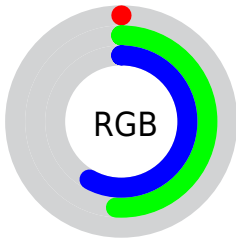
Format	Color
RYB	0, 69, 148
Decimal	33172
CIELab	49.30, -22.56, -18.65
CIELCh	49, 29.275, 219.579
Yxy	17.8386, 0.2135, 0.2887
Android (android.graphics.Color)	4278223252 (0xFF008194)
YUV	92.5950, 27.3147, -81.2058
Hunter-Lab	42.2358, -18.1447, -13.6220

Details

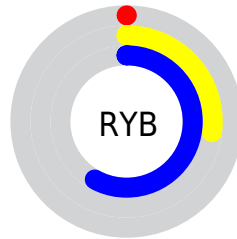
The Android color `4278223252` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287894272`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4283872970`, and `4278210401` is the 20% darker color. If you saturate the color by 10%, you get `4278223252`, and if you desaturate by 10%, it is `4279206804`.

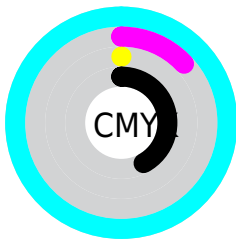
Distribution



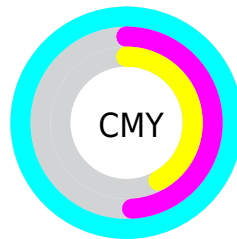
- Red (0%)
- Green (51%)
- Blue (58%)



- Red (0%)
- Yellow (27%)
- Blue (58%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278223252 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 4278223252 by changing the saturation by 10% instead.

 4278223252

 4278223252

4294967295

 4278216826

 4283872970

 4278210401

 4285846246

 4278204489

 4287753983

 4278199091

 4289658879

 4278190622

 4291624959


 4278190080

 4293525503

 4278223252

 4279206804

 4280190356

 4281108372

 4282091924

 4283075220

 4284058772

 4285042324

 4285960340

 4286943892

Harmonies

Analogous

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



4280189565



4278223252



4281433251

Triad

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



4278223252



4288373895



4286477892

Complementary

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



4278223252



4287894272

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.



4287917639



4278223252



4289028718

Square

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



4278223252



4286737564



4288833111



4284710222

Rectangle

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



4278223252



4283463846



4288833111



4287001667

Sweetspot

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



4278223252



4287019199



4278227985



4282276961



4292927712



4284572001

Same Dimension

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



4278223252



4278233023



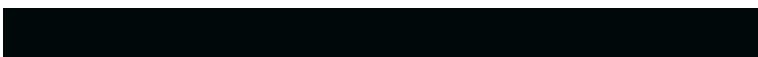
4278204820



4282599754



4278220938



4278192394

Inverse Universe

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



4287889537



4290707623



4287912704



4283056969



4287234168



4278845449

Previews

White Background



This preview shows how the Android color 4278223252 looks on a white background.

Color Contrast Check

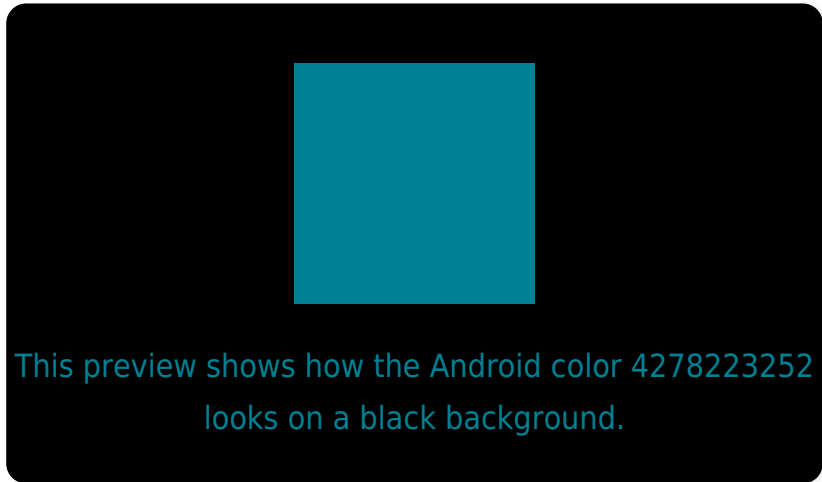
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

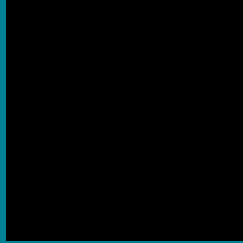
Any Text WCAG AA ✓ Pass

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 4278223252 Background



This preview shows how black text looks on a background with the Android color 4278223252.

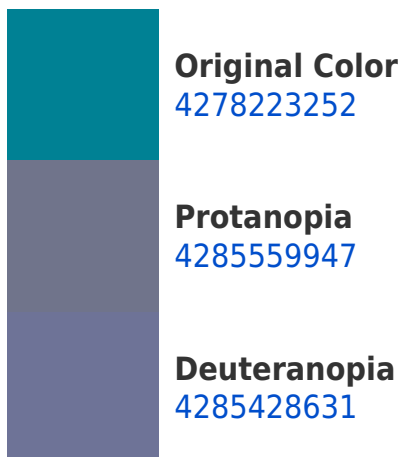


This preview shows how white text looks on a background with the Android color 4278223252.

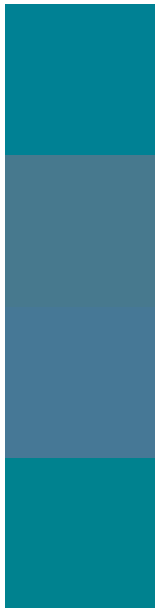
Color Blindness Simulation

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
4278223252

Protanomaly
4282874254

Deuteranomaly
4282808470

Tritanomaly
4278223503

Monochromacy



Original Color
4278223252

Achromatopsia
4284308829

Achromatomaly
4282083953

CSS Examples

Text

The CSS property to change the color of the text to Android 4278223252 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, 129, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 148)  
}
```

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, 129, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 148) }
```

Border

The CSS property to change the border of an element to Android 4278223252 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, 129, 148) }
```

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

```
.border{ border-color:rgb(0, 129, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 129, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
148) }
```

Background

The CSS property to change the background color of an element to Android 4278223252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 148) }
```

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

```
.background{ background-color: rgb(0, 129,  
148) }
```

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