

Converting Colors

Android(4278949270)

Have a look what the booklet for
Android(4278949270) contains.

Android(4278949270)	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(4278949270)

Conversions

Conversions Part 1

Format	Color
Hex	0B9596
RGB	11, 149, 150
RGB Percent	4%, 58%, 59%
CMY	0.9569, 0.4157, 0.4118
CMYK	0.93, 0.01, 0.00, 0.41
HSL	180°, 86%, 32%
HSV	180°, 93%, 59%
XYZ	16.3905, 23.7680, 32.5780
YIQ	107.8520, -82.5690, -28.9450

Conversions

Conversions Part 2

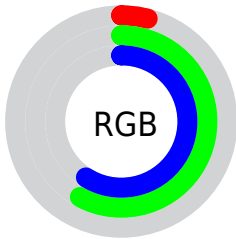
Format	Color
R_{YB}	11, 80, 150
Decimal	759190
CIE _{Lab}	55.85, -31.41, -9.88
CIE _{LCh}	56, 32.931, 197.459
Yxy	23.7680, 0.2253, 0.3268
Android (android.graphics.Color)	4278949270 (0xFF0B9596)
YUV	107.8520, 20.7790, -84.9392
Hunter-Lab	48.7525, -25.3055, -5.4928

Details

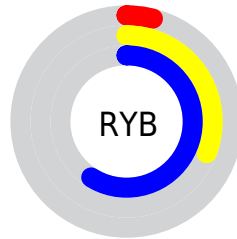
The Android color `4278949270` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288023563`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284271820`, and `4278215267` is the 20% darker color. If you saturate the color by 10%, you get `4278228374`, and if you desaturate by 10%, it is `4279932310`.

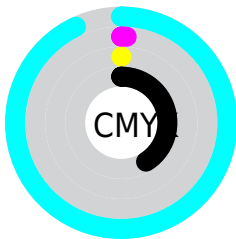
Distribution



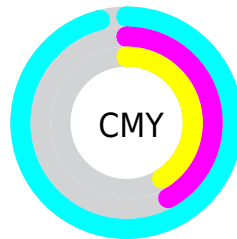
- Red (4%)
- Green (58%)
- Blue (59%)



- Red (4%)
- Yellow (31%)
- Blue (59%)



- Cyan (93%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (96%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278949270 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 4278949270 by changing the saturation by 10% instead.

 4278949270

 4278949270

4294967295

 4278221692

 4284271820

 4278215267

 4286245096

 4278208843

 4288217087

 4278202933

 4290117631

 4278197792

 4292083711

 4278190087

 4294049791

 4278190080

 4278949270

 4278949270

 4278228374

 4279932310

■ 4280915350

■ 4281898390

■ 4282881430

■ 4283864726

■ 4284847766

■ 4285830806

■ 4286813846

■ 4287796886

Harmonies

Analogous

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



4282487928



4278949270



4278227631

Triad

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



4278949270



4288575661



4288905294

Complementary

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



4278949270



4288023563

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.



4290147933



4278949270



4290146707

Square

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



4278949270



4286022588



4290670710



4287138126

Rectangle

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



4278949270



4281503674



4290670710



4289363281

Sweetspot

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



4278949270



4287414722



4278949387



4282409313



4292927712



4284572001

Same Dimension

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



4278949270



4278239426



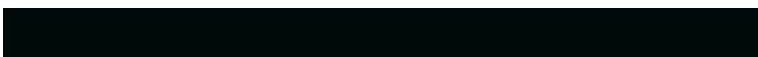
4278931862



4282600010



4278225290



4278192650

Inverse Universe

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



4288023445



4290904256



4288041227



4283056970



4287234185



4278845450

Previews

White Background



This preview shows how the Android color 4278949270 looks on a white background.

Color Contrast Check

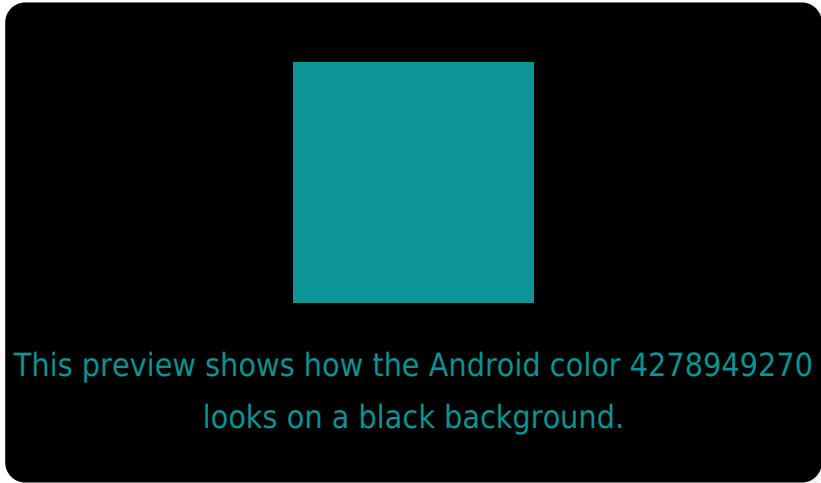
Large Text (above 18pt) WCAG AA ✓ Pass

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

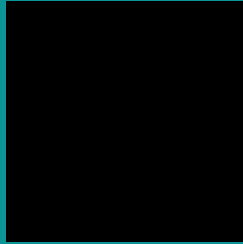
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4278949270 Background



This preview shows how black text looks on a background with the Android color 4278949270.

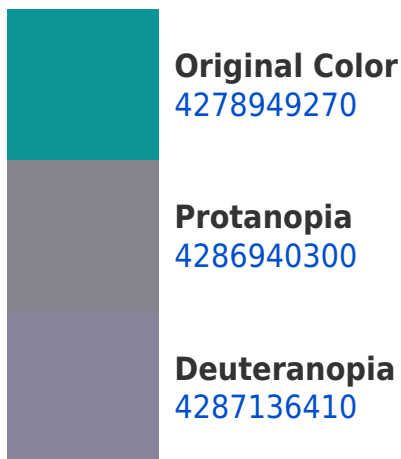


This preview shows how white text looks on a background with the Android color 4278949270.

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

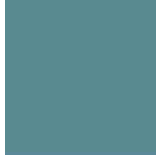


Trichromacy



Original Color

4278949270



Protanomaly

4284058256



Deuteranomaly

4284189081



Tritanomaly

4279669916

Monochromacy



Original Color

4278949270



Achromatopsia

4285295724



Achromatomaly

4283005819

CSS Examples

Text

The CSS property to change the color of the text to Android 4278949270 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(11, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(11, 149, 150)  
}
```

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(11, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 149, 150) }
```

Border

The CSS property to change the border of an element to Android 4278949270 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(11, 149, 150) }
```

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

```
.border{ border-color:rgb(11, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(11, 149,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4278949270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 149, 150) }
```

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

```
.background{ background-color: rgb(11, 149,  
150) }
```

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