

Converting Colors

Android(4278812800)

Have a look what the booklet for
Android(4278812800) contains.

Android(4278812800)	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(4278812800)

Conversions

Conversions Part 1

Format	Color
Hex	098080
RGB	9, 128, 128
RGB Percent	4%, 50%, 50%
CMY	0.9647, 0.4980, 0.4980
CMYK	0.93, 0.00, 0.00, 0.50
HSL	180°, 87%, 27%
HSV	180°, 93%, 50%
XYZ	11.7281, 17.0549, 23.0959
YIQ	92.4190, -70.9240, -25.2280

Conversions

Conversions Part 2

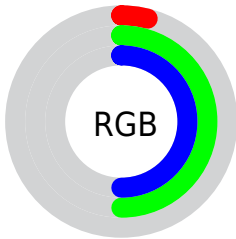
Format	Color
RYB	9, 69, 128
Decimal	622720
CIELab	48.33, -28.36, -8.36
CIELCh	48, 29.565, 196.434
Yxy	17.0549, 0.2261, 0.3287
Android (android.graphics.Color)	4278812800 (0xFF098080)
YUV	92.4190, 17.5414, -73.1585
Hunter-Lab	41.2976, -21.5786, -4.2499

Details

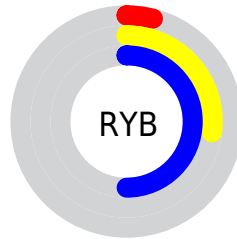
The Android color `4278812800` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4286581001`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4283807157`, and `4278210127` is the 20% darker color. If you saturate the color by 10%, you get `4278222976`, and if you desaturate by 10%, it is `4279664768`.

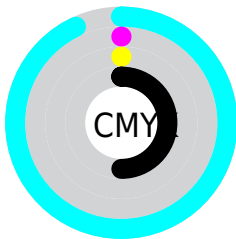
Distribution



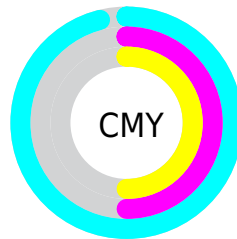
- Red (4%)
- Green (50%)
- Blue (50%)



- Red (4%)
- Yellow (27%)
- Blue (50%)



- Cyan (93%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (96%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278812800 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 4278812800 by changing the saturation by 10% instead.

 4278812800

 4278812800

4294967295

 4278216551

 4283807157

 4278210127

 4285714896

 4278204216

 4287557357

 4278198819

 4289462271

 4278190349

 4291362815

 4278190080

 4293328895

 4278812800

 4278812800

 4278222976

 4279664768

 4280516736

 4281303168

 4282155136

 4283007104

 4283859072

 4284711040

 4285497472

 4286349440

Harmonies

Analogous

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



4281892710



4278812800



4278222486

Triad

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



4278812800



4287063957



4287458626

Complementary

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



4278812800



4286581001

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.



4288505168



4278812800



4288438399

Square

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



4278812800



4284838050



4288896870



4285888066

Rectangle

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



4278812800



4280777632



4288896870



4287851077

Sweetspot

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



4278812800



4286031526



4278812681



4281881684



4292138196



4283716692

Same Dimension

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



4278812800



4278232742



4278797696



4281942080



4278222976



4278190080

Inverse Universe

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



4286581120



4289069222



4286596361



4282399040



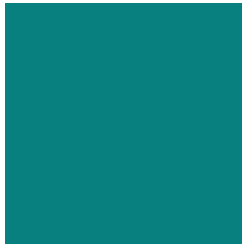
4286578816



4278190080

Previews

White Background



This preview shows how the Android color 4278812800 looks on a white background.

Color Contrast Check

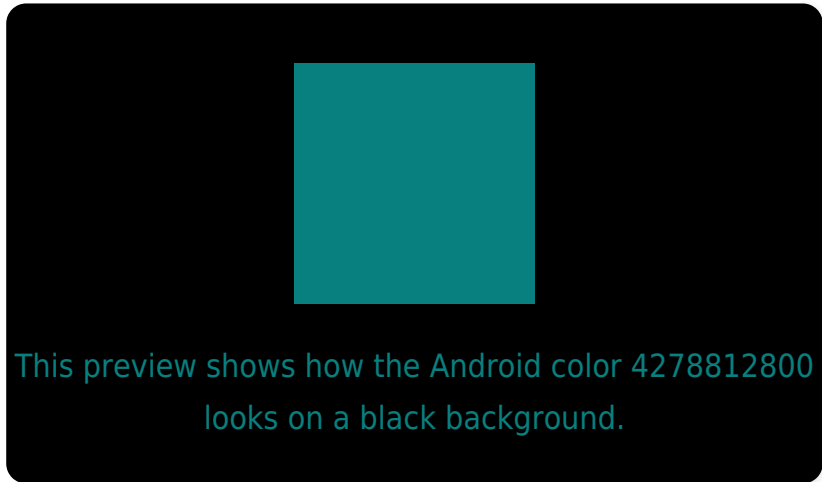
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4278812800 Background



This preview shows how black text looks on a background with the Android color 4278812800.

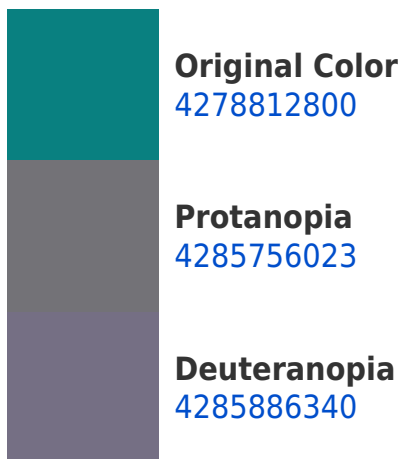


This preview shows how white text looks on a background with the Android color 4278812800.

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
4278812800

Protanomaly
4283201402

Deuteranomaly
4283331971

Tritanomaly
4279467910

Monochromacy



Original Color
4278812800

Achromatopsia
4284243036

Achromatomaly
4282280297

CSS Examples

Text

The CSS property to change the color of the text to Android 4278812800 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(9, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(9, 128, 128)  
}
```

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(9, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 128, 128) }
```

Border

The CSS property to change the border of an element to Android 4278812800 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(9, 128, 128) }
```

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

```
.border{ border-color:rgb(9, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(9, 128,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4278812800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 128, 128) }
```

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

```
.background{ background-color: rgb(9, 128,  
128) }
```

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