

Converting Colors

Android(4278219895)

Have a look what the booklet for
Android(4278219895) contains.

Android(4278219895)	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(4278219895)

Conversions

Conversions Part 1

Format	Color
Hex	007477
RGB	0, 116, 119
RGB Percent	0%, 45%, 47%
CMY	1.0000, 0.5451, 0.5333
CMYK	1.00, 0.03, 0.00, 0.53
HSL	182°, 100%, 23%
HSV	182°, 100%, 47%
XYZ	9.5752, 13.8227, 19.6161
YIQ	81.6580, -70.0990, -23.6590

Conversions

Conversions Part 2

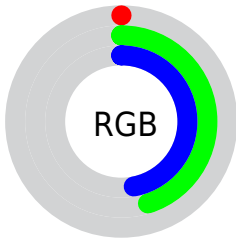
Format	Color
RYB	0, 59, 119
Decimal	29815
CIELab	43.98, -25.87, -9.55
CIELCh	44, 27.578, 200.256
Yxy	13.8227, 0.2226, 0.3214
Android (android.graphics.Color)	4278219895 (0xFF007477)
YUV	81.6580, 18.4096, -71.6141
Hunter-Lab	37.1789, -19.0916, -5.2571

Details

The Android color `4278219895` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285989632`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4283410603`, and `4278207303` is the 20% darker color. If you saturate the color by 10%, you get `4278219895`, and if you desaturate by 10%, it is `4279006327`.

Distribution



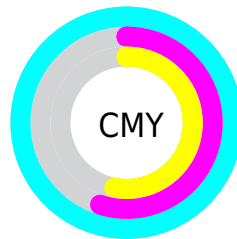
- Red (0%)
- Green (45%)
- Blue (47%)



- Red (0%)
- Yellow (23%)
- Blue (47%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278219895 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 4278219895 by changing the saturation by 10% instead.

 4278219895

 4278219895

4294967295

 4278213470

 4283410603

 4278207303

 4285252806

 4278201392

 4287160546

 4278195996

 4289003007

 4278190080

 4290904063

 4292804607

 4294770687

 4278219895

■ 4279006327

■ 4279793015

■ 4280579447

■ 4281365879

■ 4282087031

■ 4282873463

■ 4283659895

■ 4284446327

■ 4285233015

Harmonies

Analogous

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



4281234527



4278219895



4278350474

Triad

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



4278219895



4286405765



4286407739

Complementary

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



4278219895



4285989632

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.



4287519814



4278219895



4287584112

Square

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



4278219895



4284442003



4287911769



4284967740

Rectangle

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



4278219895



4280905619



4287911769



4286865725

Sweetspot

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



4278219895



4285373084



4278220546



4281552463



4291809231



4283387727

Same Dimension

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



4278219895



4278229148



4278205047



4281678651



4278220666



4278252794

Inverse Universe

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



4285988980



4288413848



4286004480



4282070331



4286185591



4294574324

Previews

White Background



This preview shows how the Android color 4278219895 looks on a white background.

Color Contrast Check

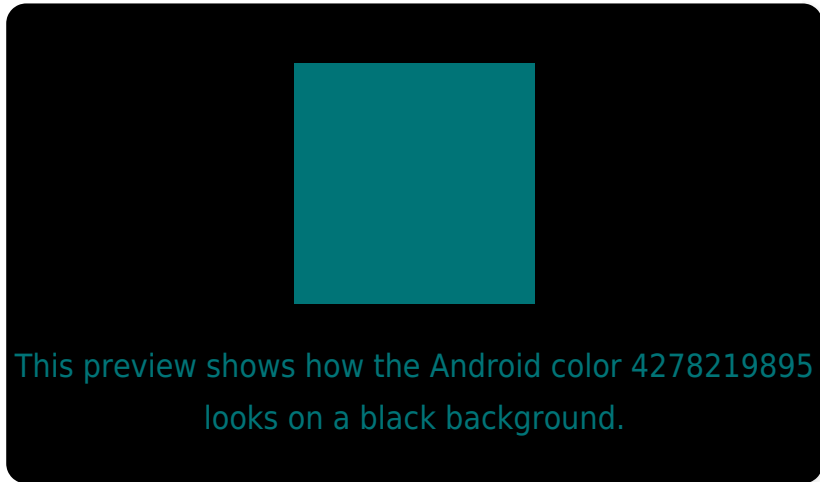
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278219895 Background



This preview shows how black text looks on a background with the Android color 4278219895.



This preview shows how white text looks on a background with the Android color 4278219895.

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



Original Color

4278219895

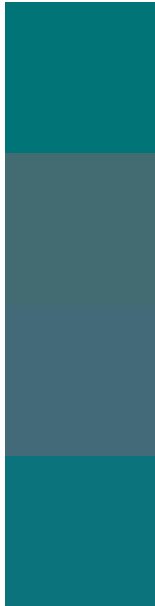
Protanopia

4284966767

Deuteranopia

4285097338

Trichromacy



Original Color
4278219895

Protanomaly
4282543218

Deuteranomaly
4282608249

Tritanomaly
4278940539

Monochromacy



Original Color
4278219895

Achromatopsia
4283585106

Achromatomaly
4281622111

CSS Examples

Text

The CSS property to change the color of the text to Android 4278219895 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, 116, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 119)  
}
```

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, 116, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 119) }
```

Border

The CSS property to change the border of an element to Android 4278219895 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, 116, 119) }
```

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

```
.border{ border-color:rgb(0, 116, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 116, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 116,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4278219895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 119) }
```

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

```
.background{ background-color: rgb(0, 116,  
119) }
```

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