

Converting Colors

Android(4278227336)

Have a look what the booklet for
Android(4278227336) contains.

Android(4278227336)	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(4278227336)

Conversions

Conversions Part 1

Format	Color
Hex	009188
RGB	0, 145, 136
RGB Percent	0%, 57%, 53%
CMY	1.0000, 0.4314, 0.4667
CMYK	1.00, 0.00, 0.06, 0.43
HSL	176°, 100%, 28%
HSV	176°, 100%, 57%
XYZ	14.5693, 22.0284, 26.7766
YIQ	100.6190, -83.5310, -33.5390

Conversions

Conversions Part 2

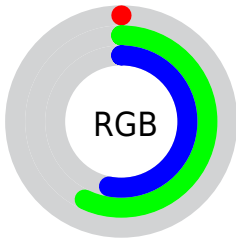
Format	Color
RYB	0, 75, 145
Decimal	37256
CIELab	54.06, -34.38, -4.51
CIElCh	54, 34.675, 187.482
Yxy	22.0284, 0.2299, 0.3476
Android (android.graphics.Color)	4278227336 (0xFF009188)
YUV	100.6190, 17.4428, -88.2429
Hunter-Lab	46.9344, -26.7254, -0.9715

Details

The Android color `4278227336` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287692809`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4283943101`, and `4278214230` is the 20% darker color. If you saturate the color by 10%, you get `4278227336`, and if you desaturate by 10%, it is `4279144841`.

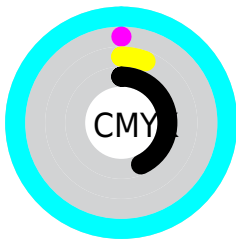
Distribution



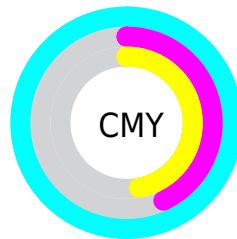
- Red (0%)
- Green (57%)
- Blue (53%)



- Red (0%)
- Yellow (29%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278227336 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 4278227336 by changing the saturation by 10% instead.

 4278227336

 4278227336

4294967295

 4278220655

 4283943101

 4278214230

 4285916377

 4278207807

 4287823861

 4278201897

 4289789951

 4278195989

 4291690495


 4278190080

 4293656575

 4278227336

 4279144841

 4280127882

 4281110923

 4282028428

 4283011469

 4283928973

 4284912014

 4285829519

 4286812560

Harmonies

Analogous

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



4282814313



4278227336



4278227109

Triad

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



4278227336



4287526833



4289165386

Complementary

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



4278227336



4287692809

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.



4290211422



4278227336



4289555865

Square

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



4278227336



4284515004



4290406779



4287464005

Rectangle

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



4278227336



4278226355



4290406779



4289623120

Sweetspot

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



4278227336



4286889401



4278882560



4282146396



4292796126



4284374622

Same Dimension

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



4278227336



4278238641



4278211217



4282402631



4278224767



4278192135

Inverse Universe

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



4287692809



4290576396



4287708928



4282859585



4287037448



4278714368

Previews

White Background



This preview shows how the Android color 4278227336 looks on a white background.

Color Contrast Check

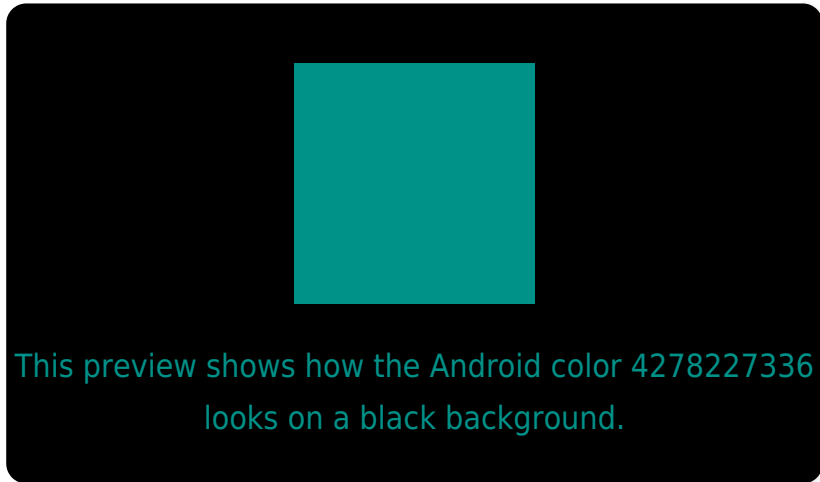
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278227336 Background



This preview shows how black text looks on a background with the Android color 4278227336.



This preview shows how white text looks on a background with the Android color 4278227336.

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
4278227336

Protanomaly
4283664002

Deuteranomaly
4283925643

Tritanomaly
4279603091

Monochromacy



Original Color
4278227336

Achromatopsia
4284835173

Achromatomaly
4282414450

CSS Examples

Text

The CSS property to change the color of the text to Android 4278227336 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, 145, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 136)  
}
```

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, 145, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 136) }
```

Border

The CSS property to change the border of an element to Android 4278227336 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, 145, 136) }
```

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

```
.border{ border-color:rgb(0, 145, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
136) }
```

Background

The CSS property to change the background color of an element to Android 4278227336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 136) }
```

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

```
.background{ background-color: rgb(0, 145,  
136) }
```

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