

Converting Colors

Android(4278222976)

Have a look what the booklet for
Android(4278222976) contains.

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Color

Android(4278222976)

Conversions

Conversions Part 1

Format	Color
Hex	008080
RGB	0, 128, 128
RGB Percent	0%, 50%, 50%
CMY	1.0000, 0.4980, 0.4980
CMYK	1.00, 0.00, 0.00, 0.50
HSL	180°, 100%, 25%
HSV	180°, 100%, 50%
XYZ	11.6155, 16.9969, 23.0906
YIQ	89.7280, -76.2880, -27.1360

Conversions

Conversions Part 2

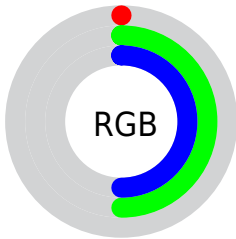
Format	Color
RYB	0, 64, 128
Decimal	32896
CIELab	48.26, -28.84, -8.48
CIELCh	48, 30.063, 196.386
Yxy	16.9969, 0.2247, 0.3287
Android (android.graphics.Color)	4278222976 (0xFF008080)
YUV	89.7280, 18.8681, -78.6915
Hunter-Lab	41.2272, -21.8567, -4.3481

Details

The Android color `4278222976` is a dark color, and the websafe version is hex `339999`, and the color name is `teal`. A complement of this color would be `4286578688`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4283610549`, 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 `4279074944`.

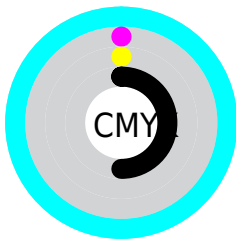
Distribution



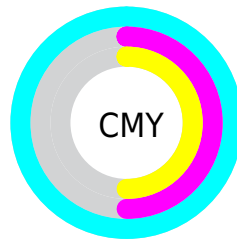
- Red (0%)
- Green (50%)
- Blue (50%)



- Red (0%)
- Yellow (25%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278222976 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 4278222976 by changing the saturation by 10% instead.

 4278222976

 4278222976

4294967295

 4278216551

 4283610549

 4278210127

 4285583824

 4278204216

 4287426285

 4278198819

 4289331199

 4278190349

 4291231743

 4278190080

 4293197823

 4278222976

 4279074944

■ 4279926912

■ 4280713344

■ 4281565312

■ 4282417280

■ 4283269248

■ 4284121216

■ 4284907648

■ 4285759616

Harmonies

Analogous

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



4281827174



4278222976



4278222487

Triad

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



4278222976



4287063958



4287458625

Complementary

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



4278222976



4286578688

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.



4288570447



4278222976



4288503935

Square

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



4278222976



4284772515



4288962405



4285887809

Rectangle

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



4278222976



4280581025



4288962405



4287916612

Sweetspot

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



4278222976



4285834918



4278222848



4281750612



4292138196



4283716692

Same Dimension

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



4278222976



4278232742



4278206592



4281942080



4278190080

Inverse Universe

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



4286578816



4289069222



4286595072



4282399040



4278190080

Previews

White Background



This preview shows how the Android color 4278222976 looks on a white background.

Color Contrast Check

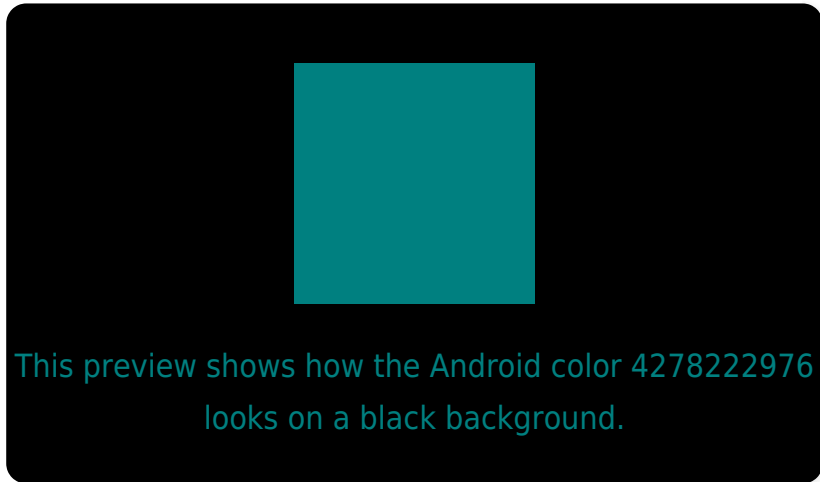
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278222976 Background



This preview shows how black text looks on a background with the Android color 4278222976.

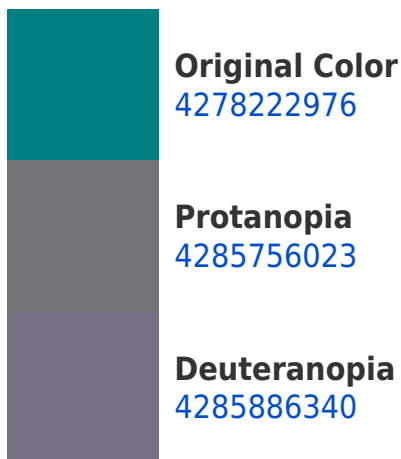


This preview shows how white text looks on a background with the Android color 4278222976.

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



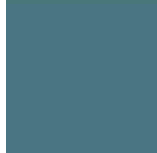
Original Color

4278222976



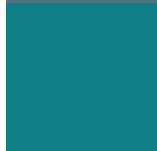
Protanomaly

4283004794



Deuteranomaly

4283069827



Tritanomaly

4279205766

Monochromacy



Original Color

4278222976



Achromatopsia

4284111450



Achromatomaly

4281952360

CSS Examples

Text

The CSS property to change the color of the text to Android 4278222976 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, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 128) }
```

Border

The CSS property to change the border of an element to Android 4278222976 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, 128, 128) }
```

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

```
.border{ border-color:rgb(0, 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(0, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4278222976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 128) }
```

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

```
.background{ background-color: rgb(0, 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](#).

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