

Converting Colors

Android(4278229401)

Have a look what the booklet for
Android(4278229401) contains.

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Color

Android(4278229401)

Conversions

Conversions Part 1

Format	Color
Hex	009999
RGB	0, 153, 153
RGB Percent	0%, 60%, 60%
CMY	1.0000, 0.4000, 0.4000
CMYK	1.00, 0.00, 0.00, 0.40
HSL	180°, 100%, 30%
HSV	180°, 100%, 60%
XYZ	17.1410, 25.0824, 34.0749
YIQ	107.2530, -91.1880, -32.4360

Conversions

Conversions Part 2

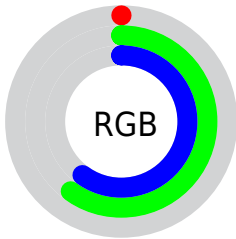
Format	Color
RYB	0, 77, 153
Decimal	39321
CIELab	57.16, -32.84, -9.66
CIELCh	57, 34.226, 196.386
Yxy	25.0824, 0.2247, 0.3287
Android (android.graphics.Color)	4278229401 (0xFF009999)
YUV	107.2530, 22.5533, -94.0609
Hunter-Lab	50.0823, -26.5512, -5.2821

Details

The Android color `4278229401` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288217088`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4284207311`, and `4278216038` is the 20% darker color. If you saturate the color by 10%, you get `4278229401`, and if you desaturate by 10%, it is `4279212441`.

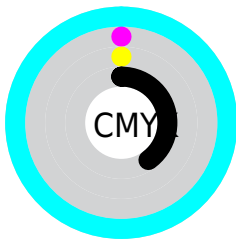
Distribution



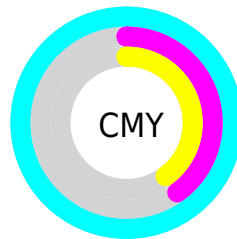
- Red (0%)
- Green (60%)
- Blue (60%)



- Red (0%)
- Yellow (30%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278229401 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 4278229401 by changing the saturation by 10% instead.

 4278229401

 4278229401

4294967295

 4278222719

 4284207311

 4278216038

 4286180587

 4278209870

 4288151551

 4278203703

 4290117631

 4278198562

 4292083711

 4278190092


 4294049791

 4278190080

 4278229401

 4279212441

 4280261017

 4281244057

 4282227097

 4283275673

 4284258713

 4285241753

 4286224793

 4287273369

Harmonies

Analogous

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



4282620026



4278229401



4278228660

Triad

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



4278229401



4288773043



4289233743

Complementary

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



4278229401



4288217088

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.



4290541919



4278229401



4290474904

Square

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



4278229401



4286088898



4290998906



4287401295

Rectangle

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



4278229401



4281111487



4290998906



4289757011

Sweetspot

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



4278229401



4287350727



4278229248



4282409827



4293125091



4284703587

Same Dimension

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



4278229401



4278241223



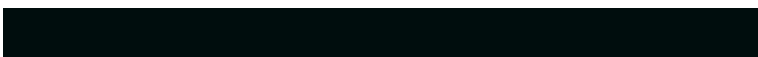
4278209945



4282731853



4278226060



4278193421

Inverse Universe

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



4288217241



4291231943



4288236800



4283254093



4287365260



4279042061

Previews

White Background



This preview shows how the Android color 4278229401 looks on a white background.

Color Contrast Check

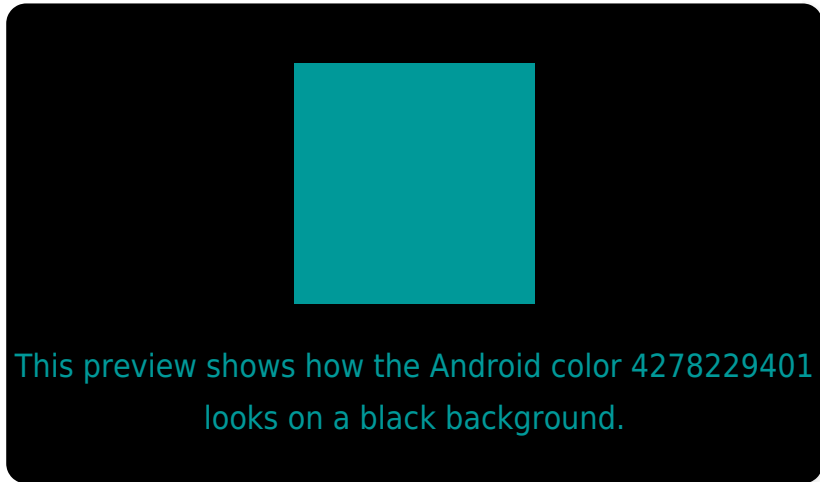
Large Text (above 18pt) WCAG AA ✓ Pass

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

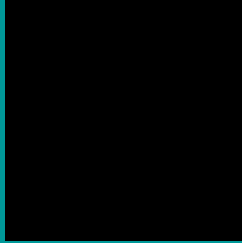
Any Text WCAG AA ✓ Pass

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 4278229401 Background



This preview shows how black text looks on a background with the Android color 4278229401.

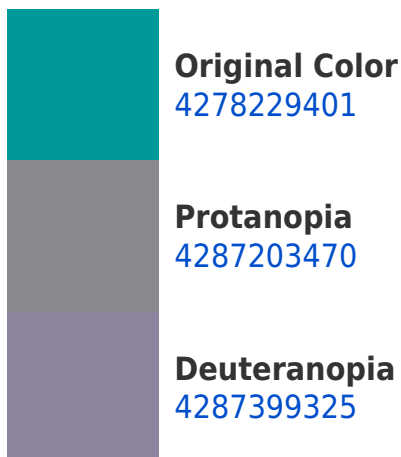


This preview shows how white text looks on a background with the Android color 4278229401.

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](#).

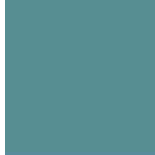
Dichromacy



Trichromacy



Original Color
4278229401



Protanomaly
4283928210



Deuteranomaly
4284058780



Tritanomaly
4279408800

Monochromacy



Original Color
4278229401



Achromatopsia
4285229931



Achromatomaly
4282678396

CSS Examples

Text

The CSS property to change the color of the text to Android 4278229401 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, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 153)  
}
```

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, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 153) }
```

Border

The CSS property to change the border of an element to Android 4278229401 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, 153, 153) }
```

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

```
.border{ border-color:rgb(0, 153, 153) }
```

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

Here you see how a box with a 4 pixel rgb(0, 153, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4278229401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 153) }
```

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

```
.background{ background-color: rgb(0, 153,  
153) }
```

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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