

Converting Colors

Android(4278230429)

Have a look what the booklet for
Android(4278230429) contains.

Android(4278230429)	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(4278230429)

Conversions

Conversions Part 1	
Format	Color
Hex	009D9D
RGB	0, 157, 157
RGB Percent	0%, 62%, 62%
CMY	1.0000, 0.3843, 0.3843
CMYK	1.00, 0.00, 0.00, 0.38
HSL	180°, 100%, 31%
HSV	180°, 100%, 62%
XYZ	18.1428, 26.5483, 36.0664
YIQ	110.0570, -93.5720, -33.2840

Conversions

Conversions Part 2

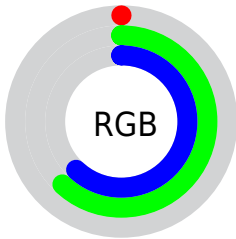
Format	Color
RYB	0, 79, 157
Decimal	40349
CIELab	58.55, -33.46, -9.84
CIELCh	59, 34.881, 196.386
Yxy	26.5483, 0.2247, 0.3287
Android (android.graphics.Color)	4278230429 (0xFF009D9D)
YUV	110.0570, 23.1429, -96.5200
Hunter-Lab	51.5250, -27.3161, -5.4342

Details

The Android color `4278230429` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288479232`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284273875`, and `4278217066` is the 20% darker color. If you saturate the color by 10%, you get `4278230429`, and if you desaturate by 10%, it is `4279279005`.

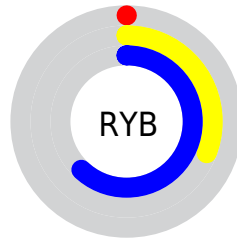
Distribution



Red (0%)

Green (62%)

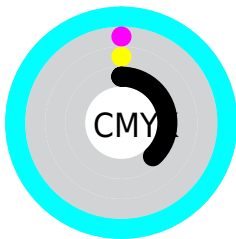
Blue (62%)



Red (0%)

Yellow (31%)

Blue (62%)

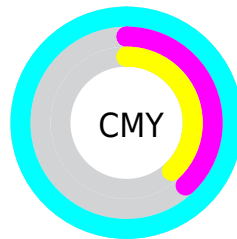


Cyan (100%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (100%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230429 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 4278230429 by changing the saturation by 10% instead.

 4278230429

 4278230429

4294967295

 4278223747

 4284273875

 4278217066

 4286312944

 4278210642

 4288282623

 4278204475

 4290248703

 4278199333

 4292214783

 4278190353

 4294180863

 4278190080

 4278230429

 4279279005

 4280262045

 4281310621

 4282359197

 4283407773

 4284390813

 4285439389

 4286487965

 4287471005

Harmonies

Analogous

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



4282752125



4278230429



4278229688

Triad

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



4278230429



4289036215



4289562193

Complementary

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



4278230429



4288479232

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.



4290870370



4278230429



4290737820

Square

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



4278230429



4286286535



4291327357



4287664209

Rectangle

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



4278230429



4281243588



4291327357



4290085717

Sweetspot

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



4278230429



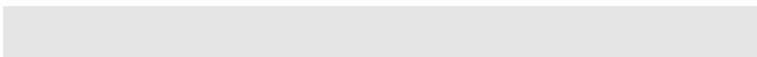
4287614156



4278230272



4282476134



4293322470



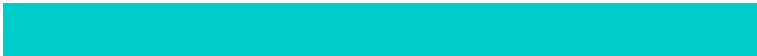
4284900966

Same Dimension

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



4278230429



4278242508



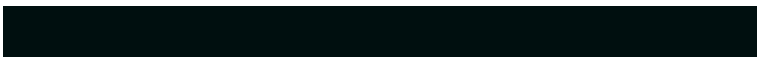
4278210461



4282863439



4278226831



4278193935

Inverse Universe

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



4288479389



4291559628



4288499456



4283385679



4287561871



4279173135

Previews

White Background



This preview shows how the Android color 4278230429 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



This preview shows how the Android color 4278230429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

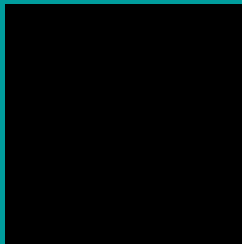
Any Text WCAG AA ✓ Pass

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 4278230429 Background



This preview shows how black text looks on a background with the Android color 4278230429.

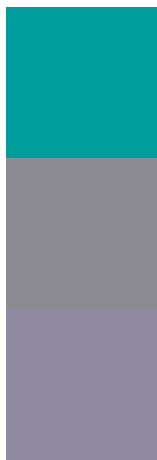


This preview shows how white text looks on a background with the Android color 4278230429.

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

4278230429

Protanopia

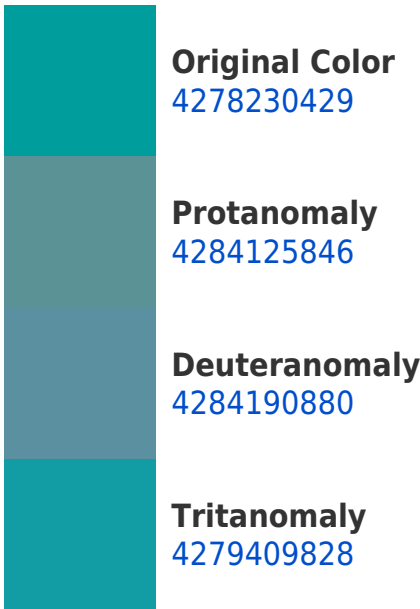
4287466386

Deuteranopia

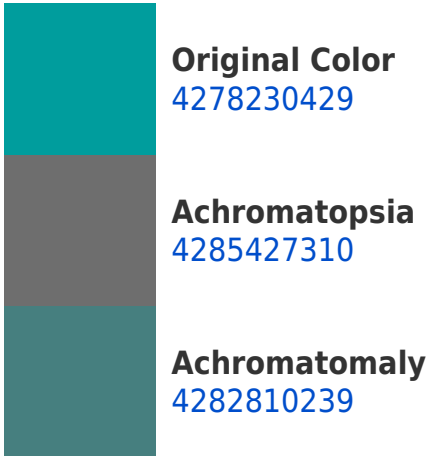
4287596962



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4278230429 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, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 157)  
}
```

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, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 157) }
```

Border

The CSS property to change the border of an element to Android 4278230429 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, 157, 157) }
```

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

```
.border{ border-color:rgb(0, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4278230429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 157, 157) }
```

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

```
.background{ background-color:rgb(0, 157,  
157) }
```

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