

# Converting Colors

Android(4278230944)

Have a look what the booklet for  
Android(4278230944) contains.

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# Color

**Android(4278230944)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009FA0
RGB	0, 159, 160
RGB Percent	0%, 62%, 63%
CMY	1.0000, 0.3765, 0.3725
CMYK	1.00, 0.01, 0.00, 0.37
HSL	180°, 100%, 31%
HSV	180°, 100%, 63%
XYZ	18.7433, 27.3343, 37.5459
YIQ	111.5730, -95.0850, -33.3970

# Conversions

## Conversions Part 2

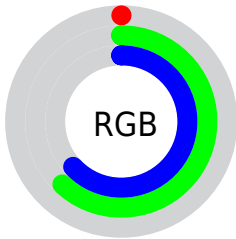
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 80, 160
Decimal	40864
CIELab	59.28, -33.46, -10.45
CIELCh	59, 35.057, 197.344
Yxy	27.3343, 0.2241, 0.3269
Android (android.graphics.Color)	4278230944 (0xFF009FA0)
YUV	111.5730, 23.8745, -97.8495
Hunter-Lab	52.2823, -27.5013, -5.9808

# Details

The Android color `4278230944` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288676096`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284339927`, and `4278217581` is the 20% darker color. If you saturate the color by 10%, you get `4278230944`, and if you desaturate by 10%, it is `4279279520`.

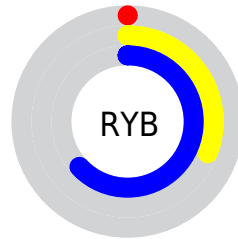
# Distribution



Red (0%)

Green (62%)

Blue (63%)



Red (0%)

Yellow (31%)

Blue (63%)

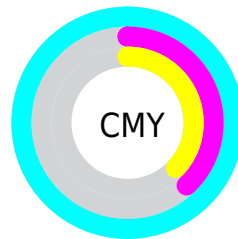


Cyan (100%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (100%)

Magenta (38%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278230944 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 4278230944 by changing the saturation by 10% instead.



 4278230944

 4278230944

4294967295

 4278224006

 4284339927

 4278217581

 4286378995

 4278211156

 4288348159

 4278204989

 4290314239

 4278199591

 4292280319

 4278190356

 4294246399

 4278190080

 4278230944

 4279279520

 4280328096

 4281376672

 4282425248

 4283473824

 4284522656

 4285571232

 4286619808

 4287668384

# Harmonies

## Analogous

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



4282752640



4278230944



4278230203

# Triad

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



4278230944



4289233081



4289628242

# Complementary

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



4278230944



4288676096

# 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.



4291001955



4278230944



4290934941

# Square

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



4278230944



4286549193



4291524478



4287730515

# Rectangle

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



4278230944



4281505991



4291524478



4290151766



# Sweetspot

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



4278230944



4287812049



4278231040



4282607721



4293454056



4285098345

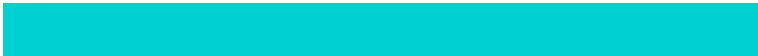


# Same Dimension

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



4278230944



4278243537



4278210720



4282863439



4278226575



4278193935



# Inverse Universe

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



4288675999



4291887312



4288696320



4283385679



4287561870



4279173135



# Previews

## White Background



This preview shows how the Android color 4278230944 looks on a white background.

## Color Contrast Check

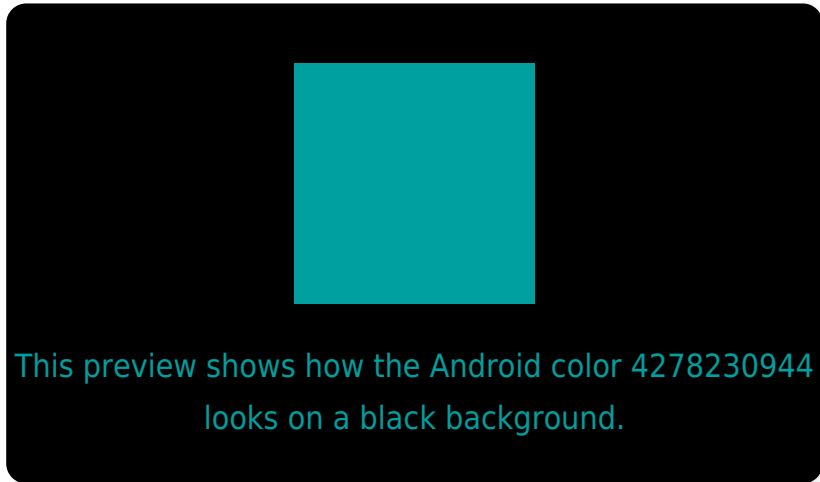
Large Text (above 18pt) WCAG AA ✓ Pass

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

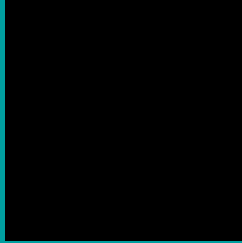
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278230944 Background



This preview shows how black text looks on a background with the Android color 4278230944.



This preview shows how white text looks on a background with the Android color 4278230944.

# 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**

4278230944



**Protanomaly**

4284126361



**Deuteranomaly**

4284256931



**Tritanomaly**

4279410342

# Monochromacy



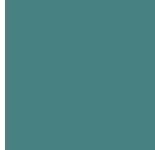
**Original Color**

4278230944



**Achromatopsia**

4285558896



**Achromatomaly**

4282876289

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278230944 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, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 160)  
}
```

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, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 160) }
```

## Border

The CSS property to change the border of an element to Android 4278230944 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, 159, 160) }
```

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

```
.border{ border-color:rgb(0, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4278230944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 160) }
```

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

```
.background{ background-color: rgb(0, 159,  
160) }
```

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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