

# Converting Colors

Android(4278225823)

Have a look what the booklet for  
Android(4278225823) contains.

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# Color

**Android(4278225823)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008B9F
RGB	0, 139, 159
RGB Percent	0%, 55%, 62%
CMY	1.0000, 0.4549, 0.3765
CMYK	1.00, 0.13, 0.00, 0.38
HSL	188°, 100%, 31%
HSV	188°, 100%, 62%
XYZ	15.4906, 20.9684, 36.0318
YIQ	99.7190, -89.2640, -23.2480

# Conversions

## Conversions Part 2

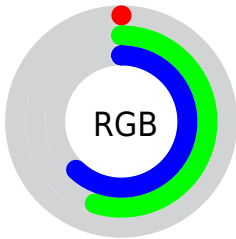
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 74, 159
Decimal	35743
CIELab	52.91, -23.93, -19.52
CIELCh	53, 30.882, 219.200
Yxy	20.9684, 0.2137, 0.2893
Android (android.graphics.Color)	4278225823 (0xFF008B9F)
YUV	99.7190, 29.2255, -87.4536
Hunter-Lab	45.7913, -19.7505, -14.5995

# Details

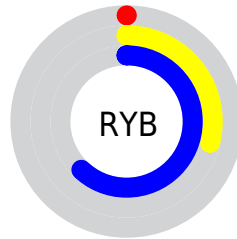
The Android color `4278225823` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288615424`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4284072406`, and `4278212972` is the 20% darker color. If you saturate the color by 10%, you get `4278225823`, and if you desaturate by 10%, it is `4279274911`.

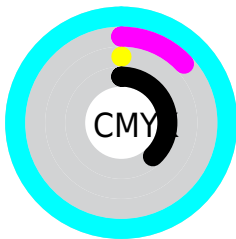
# Distribution



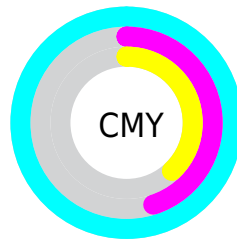
- Red (0%)
- Green (55%)
- Blue (62%)



- Red (0%)
- Yellow (29%)
- Blue (62%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (45%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278225823 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 4278225823 by changing the saturation by 10% instead.



 4278225823

 4278225823

4294967295

 4278219141

 4284072406

 4278212972

 4286111218


 4278206803

 4288018943

 4278200892

 4289986559

 4278195238

 4291952639

 4278190353

 4293918719

 4278190080

 4278225823

 4279274911

 4280323999

 4281373087

 4282422175

 4283471263

 4284454815

 4285503903

 4286552991

 4287602079

# Harmonies

## Analogous

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



4280454534



4278225823



4281697967

# Triad

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



4278225823



4289096850



4287135561

# Complementary

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



4278225823



4288615424

# 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.



4288640589



4278225823



4289882743

# Square

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



4278225823



4287394984



4289687134



4285237076

# Rectangle

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



4278225823



4283859379



4289687134



4287659081



# Sweetspot

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



4278225823



4287743951



4278230803



4282606697



4293454056



4285098345



# Same Dimension

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



4278225823



4278236623



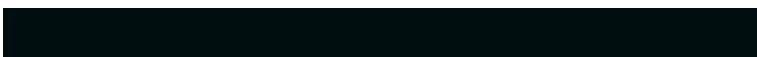
4278205855



4282863183



4278222223



4278193423



# Inverse Universe

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



4288610443



4291756213



4288635392



4283385678



4287561853



4279173133



# Previews

## White Background



This preview shows how the Android color 4278225823 looks on a white background.

## Color Contrast Check

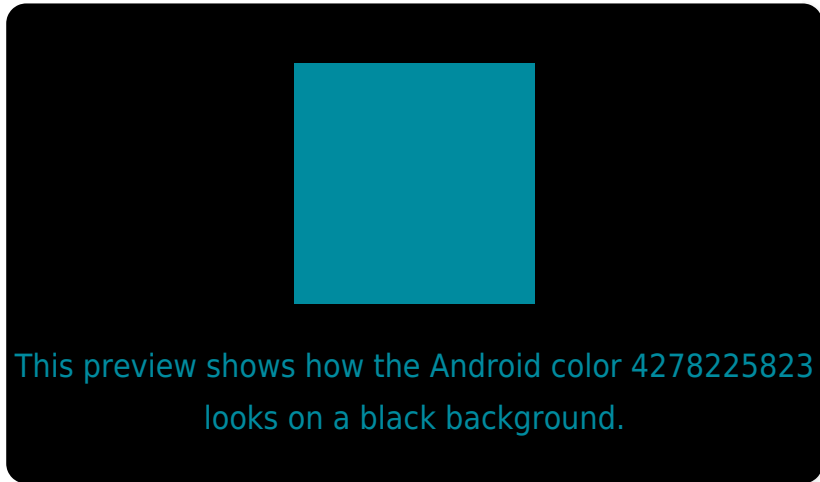
Large Text (above 18pt) WCAG AA ✓ Pass

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

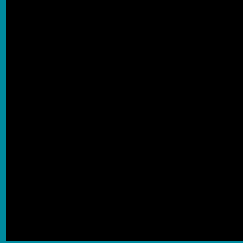
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278225823 Background



This preview shows how black text looks on a background with the Android color 4278225823.



This preview shows how white text looks on a background with the Android color 4278225823.

# 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



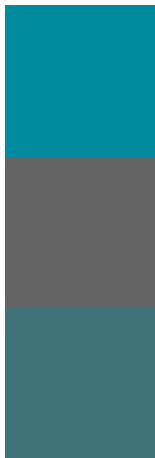
**Original Color**  
4278225823

**Protanomaly**  
4283269785

**Deuteranomaly**  
4283138465

**Tritanomaly**  
4278226074

# Monochromacy



**Original Color**  
4278225823

**Achromatopsia**  
4284769380

**Achromatomaly**  
4282413689

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278225823 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, 139, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 159)  
}
```

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, 139, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 159) }
```

## Border

The CSS property to change the border of an element to Android 4278225823 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, 139, 159) }
```

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

```
.border{ border-color:rgb(0, 139, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4278225823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 159) }
```

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

```
.background{ background-color: rgb(0, 139,  
159) }
```

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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