

# Converting Colors

Android(4278223780)

Have a look what the booklet for  
Android(4278223780) contains.

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# Color

**Android(4278223780)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0083A4
RGB	0, 131, 164
RGB Percent	0%, 51%, 64%
CMY	1.0000, 0.4863, 0.3569
CMYK	1.00, 0.20, 0.00, 0.36
HSL	192°, 100%, 32%
HSV	192°, 100%, 64%
XYZ	14.8171, 18.9129, 37.9916
YIQ	95.5930, -88.6690, -17.5090

# Conversions

## Conversions Part 2

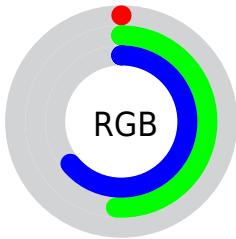
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 164
Decimal	33700
CIELab	50.59, -17.91, -26.00
CIELCh	51, 31.569, 235.444
Yxy	18.9129, 0.2066, 0.2637
Android (android.graphics.Color)	4278223780 (0xFF0083A4)
YUV	95.5930, 33.7247, -83.8351
Hunter-Lab	43.4890, -15.2890, -21.3529

# Details

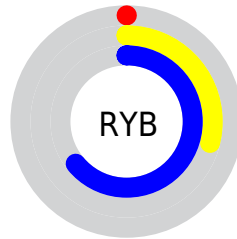
The Android color `4278223780` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4288946432`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284070107`, and `4278210928` is the 20% darker color. If you saturate the color by 10%, you get `4278223780`, and if you desaturate by 10%, it is `4279273124`.

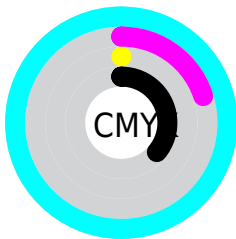
# Distribution



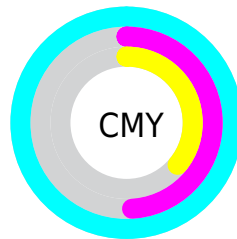
- Red (0%)
- Green (51%)
- Blue (64%)



- Red (0%)
- Yellow (29%)
- Blue (64%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (49%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278223780 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 4278223780 by changing the saturation by 10% instead.



 4278223780

 4278223780

4294967295

 4278217354

 4284070107

 4278210928

 4286108920


 4278205015

 4288016639

 4278199616

 4289986559

 4278191914

 4291952639

 4278190356

 4293918719

 4278190080

 4278223780

 4279273124

 4280388260

 4281437604

 4282552484

 4283602084

 4284651428

 4285766308

 4286815652

 4287930788

# Harmonies

## Analogous

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



4278224527



4278223780



4282940590

# Triad

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



4278223780



4289291134



4285693511

# Complementary

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



4278223780



4288946432

# 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.



4287460674



4278223780



4289488227

# Square

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



4278223780



4288047511



4288834637



4283663449

# Rectangle

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



4278223780



4284970668



4288834637



4286348100



# Sweetspot

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



4278223780



4288072150



4278232097



4282737515



4293651435



4285229931



# Same Dimension

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



4278223780



4278234070



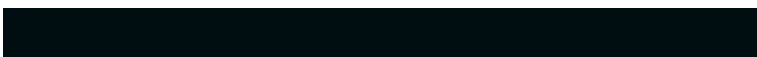
4278202788



4282994770



4278219921



4278193682



# Inverse Universe

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



4288938115



4292214955



4288967424



4283582800



4287692916



4279369742



# Previews

## White Background



This preview shows how the Android color 4278223780 looks on a white background.

## Color Contrast Check

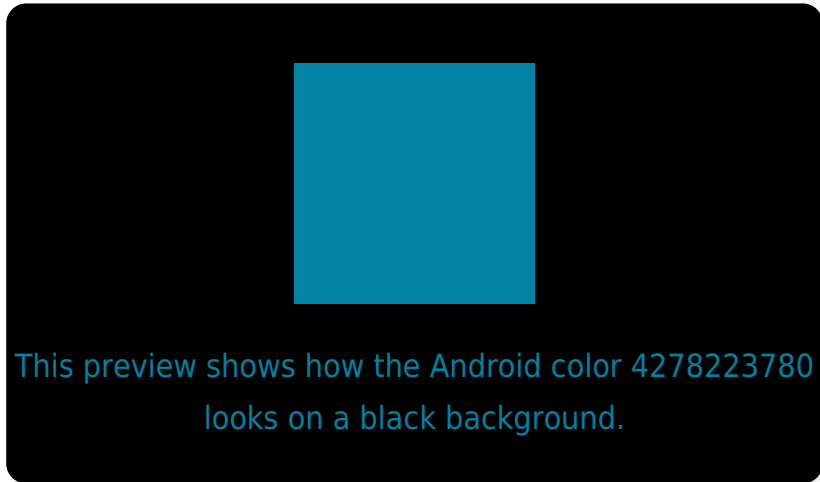
Large Text (above 18pt) WCAG AA ✓ Pass

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

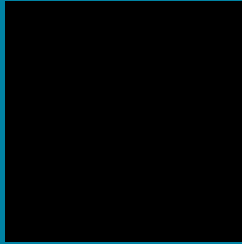
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278223780 Background



This preview shows how black text looks on a background with the Android color 4278223780.



This preview shows how white text looks on a background with the Android color 4278223780.

# 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

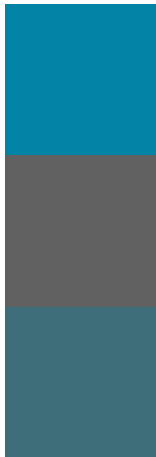


**Original Color**  
4278223780

**Protanomaly**  
4282874782

**Deuteranomaly**  
4282547110

# Monochromacy



**Original Color**  
4278223780

**Achromatopsia**  
4284506208

**Achromatomaly**  
4282215801

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278223780 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, 131, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 131, 164)  
}
```

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, 131, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 131, 164) }
```

## Border

The CSS property to change the border of an element to Android 4278223780 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, 131, 164) }
```

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

```
.border{ border-color:rgb(0, 131, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 131, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 131, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 131, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 131,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4278223780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 131, 164) }
```

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

```
.background{ background-color: rgb(0, 131,  
164) }
```

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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