

# Converting Colors

Android(4278227823)

Have a look what the booklet for  
Android(4278227823) contains.

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# Color

**Android(4278227823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00936F
RGB	0, 147, 111
RGB Percent	0%, 58%, 44%
CMY	1.0000, 0.4235, 0.5647
CMYK	1.00, 0.00, 0.24, 0.42
HSL	165°, 100%, 29%
HSV	165°, 100%, 58%
XYZ	13.3030, 22.0151, 18.5871
YIQ	98.9430, -76.0560, -42.3600

# Conversions

## Conversions Part 2

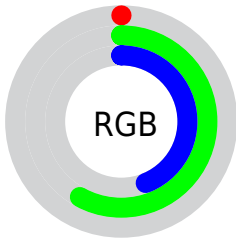
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 84, 147
Decimal	37743
CIELab	54.04, -42.31, 9.82
CIELCh	54, 43.433, 166.936
Yxy	22.0151, 0.2468, 0.4084
Android (android.graphics.Color)	4278227823 (0xFF00936F)
YUV	98.9430, 5.9441, -86.7730
Hunter-Lab	46.9203, -31.5017, 9.3569

# Details

The Android color `4278227823` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4287823908`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4283812515`, and `4278214463` is the 20% darker color. If you saturate the color by 10%, you get `4278227823`, and if you desaturate by 10%, it is `4279210867`.

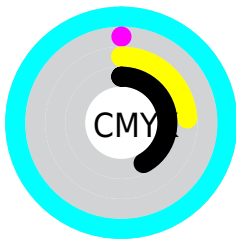
# Distribution



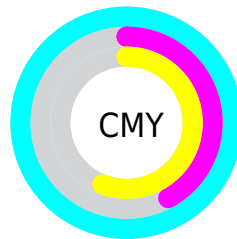
- Red (0%)
- Green (58%)
- Blue (44%)



- Red (0%)
- Yellow (33%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278227823 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 4278227823 by changing the saturation by 10% instead.





4278227823



4278227823

4294967295



4278221143



4283812515



4278214463



4285785790



4278208041



4287692762



4278202133



4289593334



4278195968



4291559423



4278190080



4293459967




4278227823



4279210867

 4280128374

 4281111418

 4282094461

 4283077505

 4283995013

 4284978056

 4285961100

 4286878607

# Harmonies

## Analogous

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



4283928140



4278227823



4278228118

# Triad

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



4278227823



4285038281



4290603852

# Complementary

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



4278227823



4287823908

# 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.



4291256941



4278227823



4288638901

# Square

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



4278227823



4278225610



4290667411



4289034550

# Rectangle

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



4278227823



4278227885



4290667411



4290996054



# Sweetspot

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



4278227823



4287020977



4280652544



4282278232



4292927712



4284572001



# Same Dimension

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



4278227823



4278239120



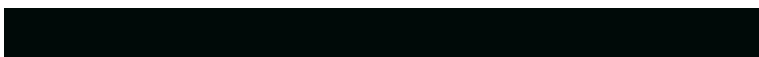
4278218387



4282600008



4278225512



4278192648



# Inverse Universe

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



4287823908



4290707503



4287833344



4283056964



4287234082



4278845442



# Previews

## White Background



This preview shows how the Android color 4278227823 looks on a white background.

## Color Contrast Check

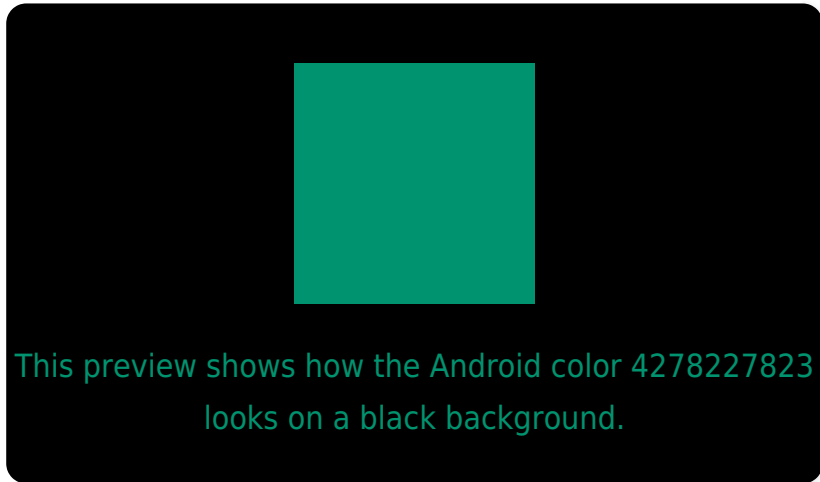
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278227823 Background



This preview shows how black text looks on a background with the Android color 4278227823.

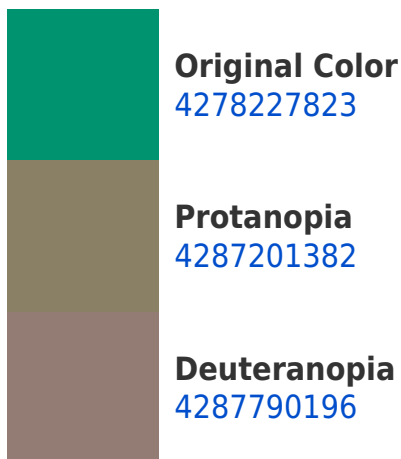


This preview shows how white text looks on a background with the Android color 4278227823.

# 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**

4278227823



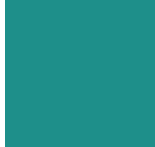
**Protanomaly**

4283926377



**Deuteranomaly**

4284318834



**Tritanomaly**

4280192906

# Monochromacy



**Original Color**

4278227823



**Achromatopsia**

4284703587



**Achromatomaly**

4282348647

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278227823 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, 147, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 111)  
}
```

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, 147, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 111) }
```

## Border

The CSS property to change the border of an element to Android 4278227823 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, 147, 111) }
```

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

```
.border{ border-color:rgb(0, 147, 111) }
```

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

Here you see how a box with a 4 pixel rgb(0, 147, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
111) }
```

# Background

The CSS property to change the background color of an element to Android 4278227823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 111) }
```

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

```
.background{ background-color: rgb(0, 147,  
111) }
```

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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