

# Converting Colors

Android(4279078827)

Have a look what the booklet for  
Android(4279078827) contains.

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# Color

**Android(4279078827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D8FAB
RGB	13, 143, 171
RGB Percent	5%, 56%, 67%
CMY	0.9490, 0.4392, 0.3294
CMYK	0.92, 0.16, 0.00, 0.33
HSL	191°, 86%, 36%
HSV	191°, 92%, 67%
XYZ	17.3391, 22.6708, 41.9901
YIQ	107.3220, -86.4680, -18.8520

# Conversions

## Conversions Part 2

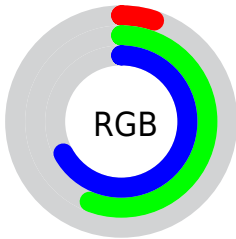
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 84, 171
Decimal	888747
CIELab	54.73, -21.30, -23.63
CIELCh	55, 31.812, 227.959
Yxy	22.6708, 0.2115, 0.2765
Android (android.graphics.Color)	4279078827 (0xFF0D8FAB)
YUV	107.3220, 31.3933, -82.7204
Hunter-Lab	47.6138, -18.3213, -18.9575

# Details

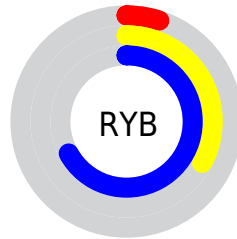
The Android color `4279078827` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289407245`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4284466658`, and `4278213751` is the 20% darker color. If you saturate the color by 10%, you get `4278226347`, and if you desaturate by 10%, it is `4280193707`.

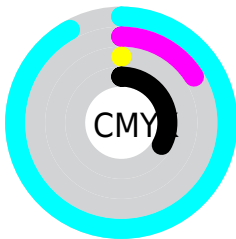
# Distribution



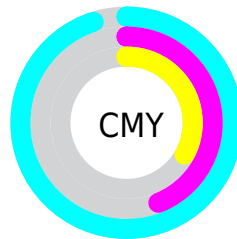
- Red (5%)
- Green (56%)
- Blue (67%)



- Red (5%)
- Yellow (33%)
- Blue (67%)



- Cyan (92%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (95%)
- Magenta (44%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279078827 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 4279078827 by changing the saturation by 10% instead.





4279078827



4279078827

4294967295



4278220176



4284466658



4278213751



4286439935



4278207838



4288413439



4278201926



4290379775



4278197040



4292345855



4278190363



4294311935



4278190080



4279078827




4279078827



4278226347



4280193707

 4281308587

 4282423467

 4283538347

 4284653227

 4285833643

 4286948523

 4288063403

 4289178283

# Harmonies

## Analogous

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



4279472787



4279078827



4282812856

# Triad

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



4279078827



4289818511



4286875470

# Complementary

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



4279078827



4289407245

# 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.



4288642381



4279078827



4290342515

# Square

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



4279078827



4288378536



4289819739



4284845405

# Rectangle

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



4279078827



4284974009



4289819739



4287530060



# Sweetspot

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



4279078827



4288730078



4279085863



4283066736



4293980400



4285558896



# Same Dimension

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



4279078827



4278237150



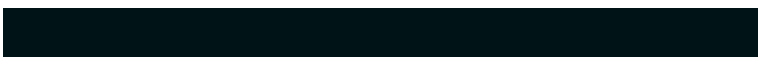
4279059115



4283323735



4278221974



4278194967



# Inverse Universe

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



4289400207



4292739255



4289426957



4283911765



4288020604



4279697427



# Previews

## White Background



This preview shows how the Android color 4279078827 looks on a white background.

## Color Contrast Check

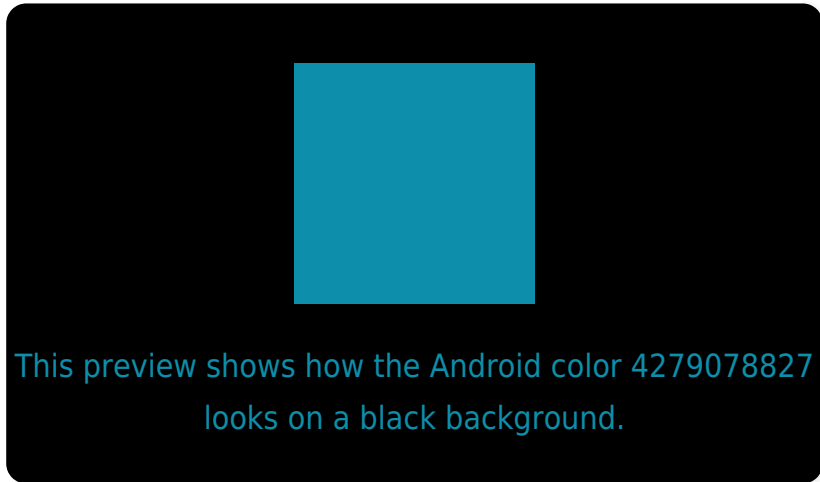
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279078827 Background



This preview shows how black text looks on a background with the Android color 4279078827.



This preview shows how white text looks on a background with the Android color 4279078827.

# 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**

4279078827



**Protanomaly**

4283664037



**Deuteranomaly**

4283467181



**Tritanomaly**

4278554785

# Monochromacy



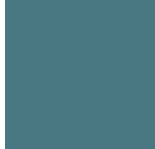
**Original Color**

4279078827



**Achromatopsia**

4285229931



**Achromatomaly**

4283005058

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279078827 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(13, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(13, 143, 171)  
}
```

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(13, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 143, 171) }
```

## Border

The CSS property to change the border of an element to Android 4279078827 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(13, 143, 171) }
```

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

```
.border{ border-color:rgb(13, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(13, 143,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4279078827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 143, 171) }
```

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

```
.background{ background-color: rgb(13, 143,  
171) }
```

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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