

# Converting Colors

Android(4279802019)

Have a look what the booklet for  
Android(4279802019) contains.

<b>Android(4279802019)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4279802019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1898A3
RGB	24, 152, 163
RGB Percent	9%, 60%, 64%
CMY	0.9059, 0.4039, 0.3608
CMYK	0.85, 0.07, 0.00, 0.36
HSL	185°, 74%, 37%
HSV	185°, 85%, 64%
XYZ	18.2158, 25.2950, 38.5727
YIQ	114.9820, -79.8190, -23.7150

# Conversions

## Conversions Part 2

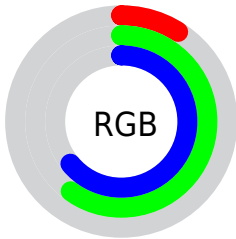
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 91, 163
Decimal	1611939
CIE <sub>Lab</sub>	57.36, -27.94, -15.03
CIE <sub>LCh</sub>	57, 31.726, 208.277
Yxy	25.2950, 0.2219, 0.3082
Android (android.graphics.Color)	4279802019 (0xFF1898A3)
YUV	114.9820, 23.6729, -79.7912
Hunter-Lab	50.2941, -23.3647, -10.2661

# Details

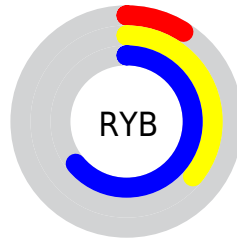
The Android color `4279802019` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288881432`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4284665818`, and `4278215791` is the 20% darker color. If you saturate the color by 10%, you get `4278753187`, and if you desaturate by 10%, it is `4280850851`.

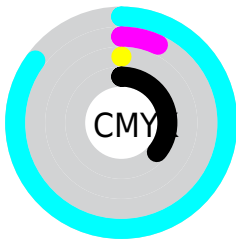
# Distribution



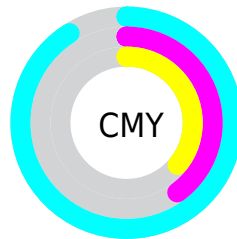
- Red (9%)
- Green (60%)
- Blue (64%)



- Red (9%)
- Yellow (36%)
- Blue (64%)



- Cyan (85%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (91%)
- Magenta (40%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279802019 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 4279802019 by changing the saturation by 10% instead.



 4279802019

 4279802019

4294967295

 4278222473

 4284665818

 4278215791

 4286639094

 4278209623

 4288610303

 4278203712

 4290576383

 4278198570

 4292476927

 4278190357

 4294508543

 4278190080

 4279802019

 4279802019

 4278753187

 4280850851

■ 4278228643

■ 4281965475

■ 4283014307

■ 4284063139

■ 4285177507

■ 4286226595

■ 4287275427

■ 4288324259

■ 4289438883

# Harmonies

## Analogous

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



4282095751



4279802019



4281308344

# Triad

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



4279802019



4289428135



4288579410

# Complementary

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



4279802019



4288881432

# 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.



4289953371



4279802019



4290606220

# Square

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



4279802019



4287333306



4290737777



4286681176

# Rectangle

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



4279802019



4283404479



4290737777



4289102932



# Sweetspot

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



4279802019



4288532436



4279804705



4283066475



4293651435



4285229931



# Same Dimension

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



4279802019



4278240212



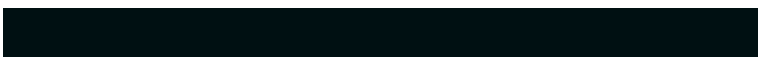
4279784611



4282995026



4278224529



4278194194



# Inverse Universe

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



4288878744



4292083907



4288898840



4283582801



4287692934



4279369744



# Previews

## White Background



This preview shows how the Android color 4279802019 looks on a white background.

## Color Contrast Check

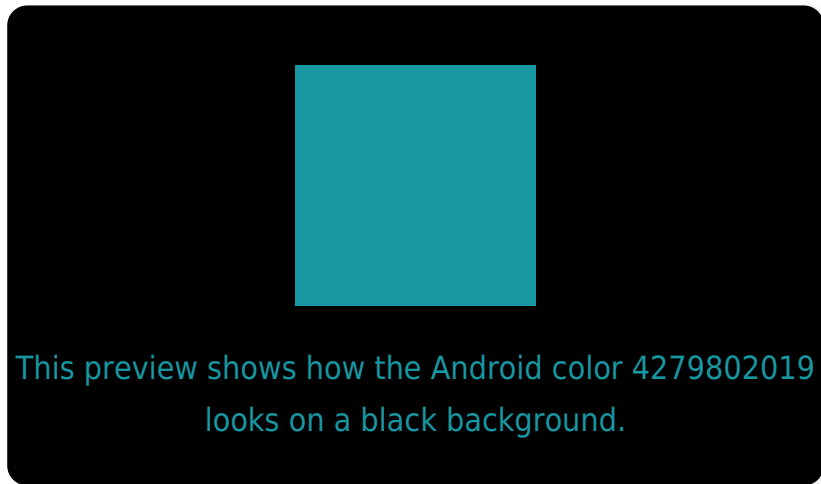
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279802019 Background



This preview shows how black text looks on a background with the Android color 4279802019.

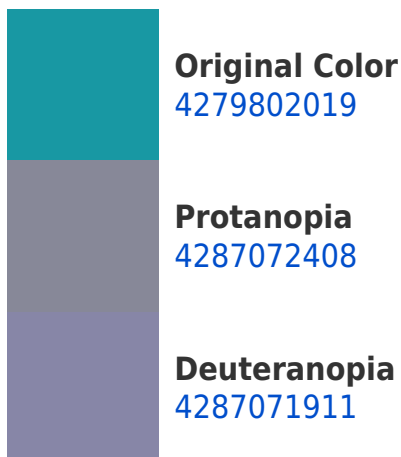


This preview shows how white text looks on a background with the Android color 4279802019.

# 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**

4279802019



**Protanomaly**

4284452508



**Deuteranomaly**

4284452262



**Tritanomaly**

4279867556

# Monochromacy



**Original Color**

4279802019



**Achromatopsia**

4285756275



**Achromatomaly**

4283596932

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279802019 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(24, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(24, 152, 163)  
}
```

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(24, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 152, 163) }
```

## Border

The CSS property to change the border of an element to Android 4279802019 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(24, 152, 163) }
```

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

```
.border{ border-color:rgb(24, 152, 163) }
```

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

Here you see how a box with a 4 pixel rgb(24, 152, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 152, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 152, 163);  
box-shadow:4px 4px 4px 4px rgb(24, 152,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4279802019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 152, 163) }
```

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

```
.background{ background-color: rgb(24, 152,  
163) }
```

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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