

# Converting Colors

Android(4279343009)

Have a look what the booklet for  
Android(4279343009) contains.

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# Color

**Android(4279343009)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1197A1
RGB	17, 151, 161
RGB Percent	7%, 59%, 63%
CMY	0.9333, 0.4078, 0.3686
CMYK	0.89, 0.06, 0.00, 0.37
HSL	184°, 81%, 35%
HSV	184°, 89%, 63%
XYZ	17.7308, 24.8256, 37.5755
YIQ	112.0740, -83.0740, -25.2980

# Conversions

## Conversions Part 2

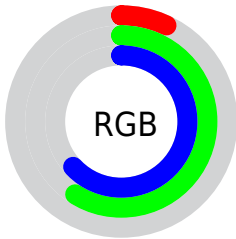
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 86, 161
Decimal	1152929
CIE <sub>Lab</sub>	56.91, -28.55, -14.59
CIE <sub>LCh</sub>	57, 32.063, 207.061
Yxy	24.8256, 0.2213, 0.3098
Android (android.graphics.Color)	4279343009 (0xFF1197A1)
YUV	112.0740, 24.1205, -83.3799
Hunter-Lab	49.8253, -23.6734, -9.8356

# Details

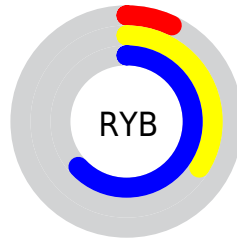
The Android color `4279343009` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288748305`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4284468952`, and `4278215789` is the 20% darker color. If you saturate the color by 10%, you get `4278294177`, and if you desaturate by 10%, it is `4280391841`.

# Distribution



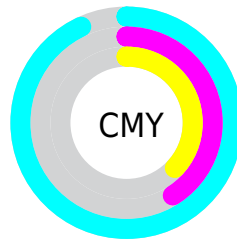
- Red (7%)
- Green (59%)
- Blue (63%)



- Red (7%)
- Yellow (34%)
- Blue (63%)



- Cyan (89%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (93%)
- Magenta (41%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279343009 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 4279343009 by changing the saturation by 10% instead.





4279343009



4279343009

4294967295



4278222215



4284468952



4278215789



4286507764



4278209365



4288413695



4278203454



4290379775



4278198568



4292345855



4278190356



4294311935



4278190080



4279343009



4279343009



4278294177



4280391841

■ 4278228641

■ 4281440673

■ 4282489505

■ 4283538337

■ 4284587425

■ 4285701793

■ 4286750625

■ 4287799457

■ 4288848289

# Harmonies

## Analogous

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



4282029957



4279343009



4280849335

# Triad

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



4279343009



4289296807



4288513616

# Complementary

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



4279343009



4288748305

# 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.



4289952859



4279343009



4290540428

# Square

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



4279343009



4287136442



4290671985



4286680918

# Rectangle

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



4279343009



4283142078



4290671985



4289102674



# Sweetspot

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



4279343009



4288269777



4279345435



4282869353



4293454056



4285098345



# Same Dimension

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



4279343009



4278240209



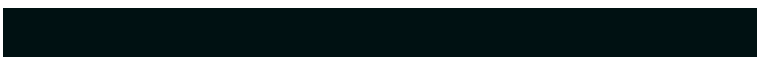
4279324577



4282995026



4278224785



4278194450



# Inverse Universe

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



4288745879



4291887299



4288766737



4283582801



4287692935



4279369745



# Previews

## White Background



This preview shows how the Android color 4279343009 looks on a white background.

## Color Contrast Check

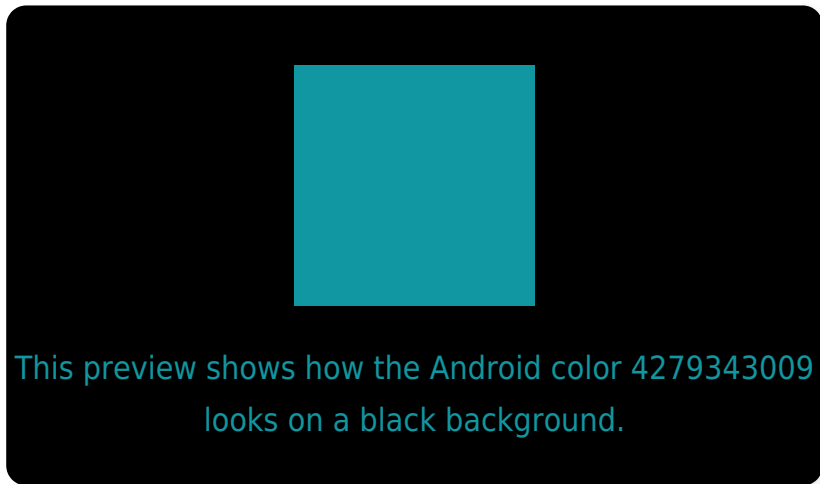
Large Text (above 18pt) WCAG AA ✓ Pass

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

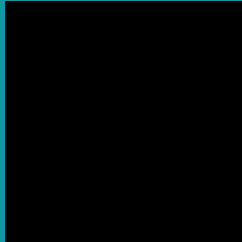
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279343009 Background



This preview shows how black text looks on a background with the Android color 4279343009.

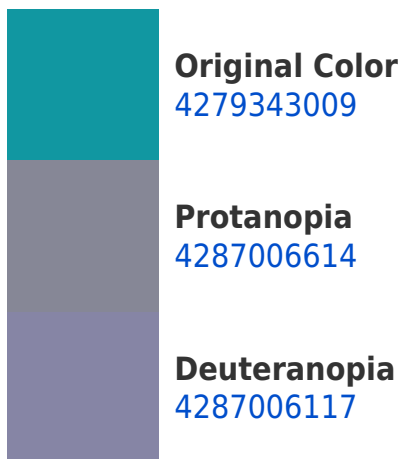


This preview shows how white text looks on a background with the Android color 4279343009.

# 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

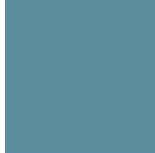




# Trichromacy



**Original Color**  
4279343009



**Protanomaly**  
4284190106



**Deuteranomaly**  
4284189860



**Tritanomaly**  
4279539618

# Monochromacy



**Original Color**  
4279343009



**Achromatopsia**  
4285558896



**Achromatomaly**  
4283268738

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279343009 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(17, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(17, 151, 161)  
}
```

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(17, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 151, 161) }
```

## Border

The CSS property to change the border of an element to Android 4279343009 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(17, 151, 161) }
```

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

```
.border{ border-color:rgb(17, 151, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 151, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(17, 151,  
161) }
```

# Background

The CSS property to change the background color of an element to Android 4279343009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 151, 161) }
```

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

```
.background{ background-color: rgb(17, 151,  
161) }
```

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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