

# Converting Colors

Android(4280394140)

Have a look what the booklet for  
Android(4280394140) contains.

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# Color

**Android(4280394140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21A19C
RGB	33, 161, 156
RGB Percent	13%, 63%, 61%
CMY	0.8706, 0.3686, 0.3882
CMYK	0.80, 0.00, 0.03, 0.37
HSL	178°, 66%, 38%
HSV	178°, 80%, 63%
XYZ	19.3728, 28.2134, 35.8772
YIQ	122.1580, -74.6830, -28.6910

# Conversions

## Conversions Part 2

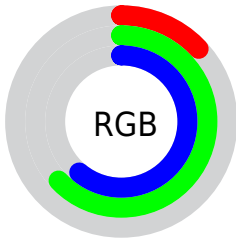
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 98, 161
Decimal	2204060
CIELab	60.08, -33.68, -6.96
CIElCh	60, 34.395, 191.683
Yxy	28.2134, 0.2321, 0.3380
Android (android.graphics.Color)	4280394140 (0xFF21A19C)
YUV	122.1580, 16.6841, -78.1916
Hunter-Lab	53.1163, -27.8501, -2.8658

# Details

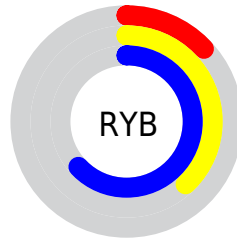
The Android color `4280394140` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288749862`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4284995794`, and `4278218089` is the 20% darker color. If you saturate the color by 10%, you get `4279345563`, and if you desaturate by 10%, it is `4281442717`.

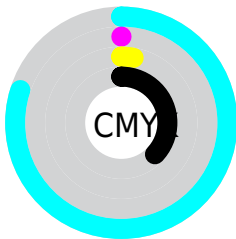
# Distribution



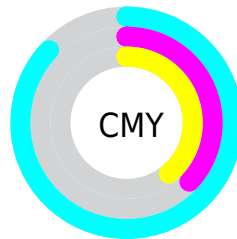
- Red (13%)
- Green (63%)
- Blue (61%)



- Red (13%)
- Yellow (38%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)



- Cyan (87%)
- Magenta (37%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280394140 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 4280394140 by changing the saturation by 10% instead.



 4280394140

 4280394140

4294967295

 4278224514

 4284995794

 4278218089

 4286903791

 4278211665

 4288872447

 4278205498

 4290838527

 4278199844

 4292739071

 4278190352

 4294770687

 4278190080

 4280394140

 4280394140

 4279345563

 4281442717

■ 4278296987

■ 4282491293

■ 4278231451

■ 4283539870

■ 4284588447

■ 4285702559

■ 4286751136

■ 4287799712

■ 4288848289

■ 4289896866

# Harmonies

## Analogous

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



4283539581



4280394140



4278230968

# Triad

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



4280394140



4288906686



4290021720

# Complementary

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



4280394140



4288749862

# 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.



4291264362



4280394140



4290804901

# Square

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



4280394140



4286091468



4291590534



4288254805

# Rectangle

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



4280394140



4281179077



4291590534



4290544988



# Sweetspot

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



4280394140



4288664015



4280787233



4283066727



4293454056



4285098345

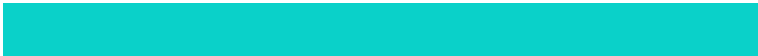


# Same Dimension

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



4280394140



4278899145



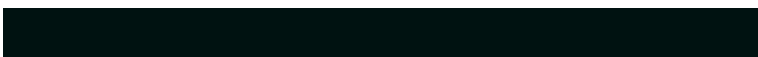
4280379297



4282995281



4278227340



4278194705



# Inverse Universe

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



4288749862



4291889682



4288764705



4283582794



4287692806

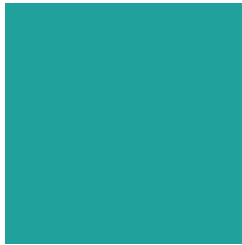


4279369729



# Previews

## White Background



This preview shows how the Android color 4280394140 looks on a white background.

## Color Contrast Check

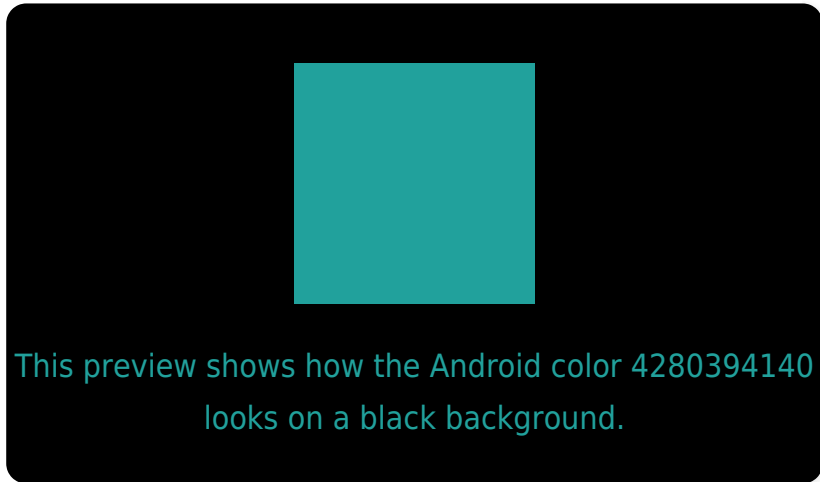
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280394140 Background



This preview shows how black text looks on a background with the Android color 4280394140.

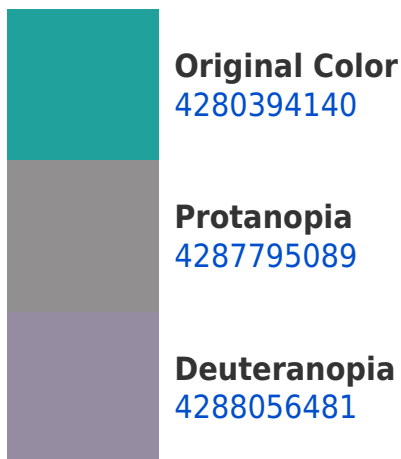


This preview shows how white text looks on a background with the Android color 4280394140.

# 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**  
4280394140



**Protanomaly**  
4285109909



**Deuteranomaly**  
4285240479



**Tritanomaly**  
4280918182

# Monochromacy



**Original Color**  
4280394140



**Achromatopsia**  
4286216826



**Achromatomaly**  
4284123270

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280394140 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(33, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(33, 161, 156)  
}
```

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(33, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 161, 156) }
```

## Border

The CSS property to change the border of an element to Android 4280394140 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(33, 161, 156) }
```

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

```
.border{ border-color:rgb(33, 161, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(33, 161,  
156) }
```

# Background

The CSS property to change the background color of an element to Android 4280394140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 161, 156) }
```

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

```
.background{ background-color: rgb(33, 161,  
156) }
```

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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