

# Converting Colors

Android(4280913059)

Have a look what the booklet for  
Android(4280913059) contains.

<b>Android(4280913059)</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(4280913059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	298CA3
RGB	41, 140, 163
RGB Percent	16%, 55%, 64%
CMY	0.8392, 0.4510, 0.3608
CMYK	0.75, 0.14, 0.00, 0.36
HSL	191°, 60%, 40%
HSV	191°, 75%, 64%
XYZ	16.9034, 21.8719, 37.9811
YIQ	113.0210, -66.3870, -13.8350

# Conversions

## Conversions Part 2

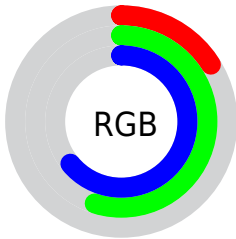
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 96, 163
Decimal	2722979
CIELab	53.89, -20.08, -20.29
CIElCh	54, 28.541, 225.300
Yxy	21.8719, 0.2202, 0.2850
Android (android.graphics.Color)	4280913059 (0xFF298CA3)
YUV	113.0210, 24.6396, -63.1624
Hunter-Lab	46.7674, -17.3268, -15.4139

# Details

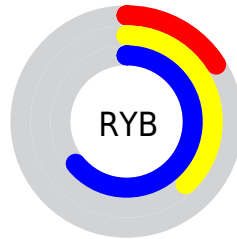
The Android color `4280913059` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288888873`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4285121242`, and `4278213231` is the 20% darker color. If you saturate the color by 10%, you get `4279863715`, and if you desaturate by 10%, it is `4281962403`.

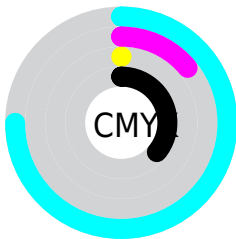
# Distribution



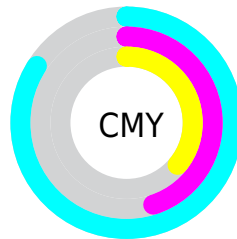
- Red (16%)
- Green (55%)
- Blue (64%)



- Red (16%)
- Yellow (38%)
- Blue (64%)



- Cyan (75%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (45%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280913059 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 4280913059 by changing the saturation by 10% instead.





4280913059



4280913059

4294967295



4278219401



4285121242



4278213231



4287028982



4278207063



4288936703



4278201407



4290838527



4278196265



4292804607



4278190356



4294770687



4278190080



4280913059



4280913059



4279863715



4281962403

■ 4278748835

■ 4283077283

■ 4278224035

■ 4284126627

■ 4285175971

■ 4286225315

■ 4287340195

■ 4288389795

■ 4289439139

■ 4290554019

# Harmonies

## Analogous

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



4281175693



4280913059



4283140016

# Triad

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



4280913059



4289294222



4286939985

# Complementary

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



4280913059



4288888873

# 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.



4288445265



4280913059



4289818229

# Square

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



4280913059



4287919780



4289491807



4285106781

# Rectangle

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



4280913059



4284842673



4289491807



4287463759



# Sweetspot

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



4280913059



4289055700



4280918847



4283393643



4293651435



4285229931



# Same Dimension

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



4280913059



4279611604



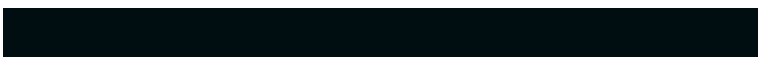
4280897699



4282994770



4278220433



4278193682



# Inverse Universe

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



4288883084



4292089264



4288904233



4283582800



4287692918



4279369742



# Previews

## White Background



This preview shows how the Android color 4280913059 looks on a white background.

## Color Contrast Check

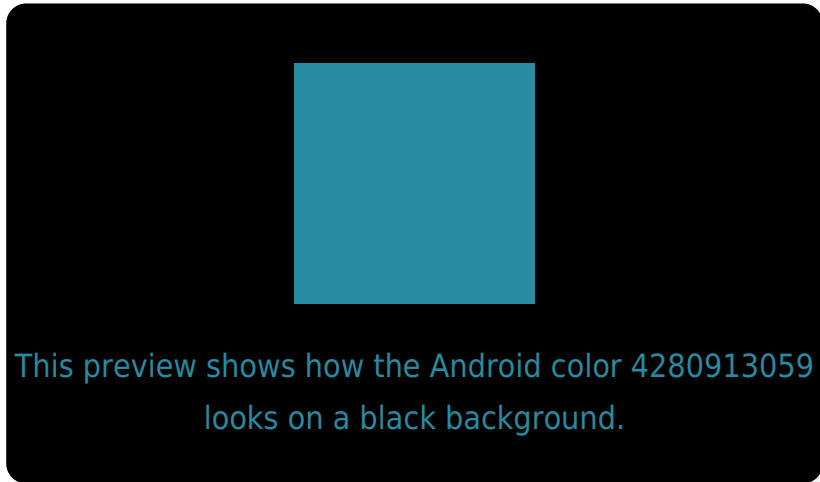
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280913059 Background



This preview shows how black text looks on a background with the Android color 4280913059.

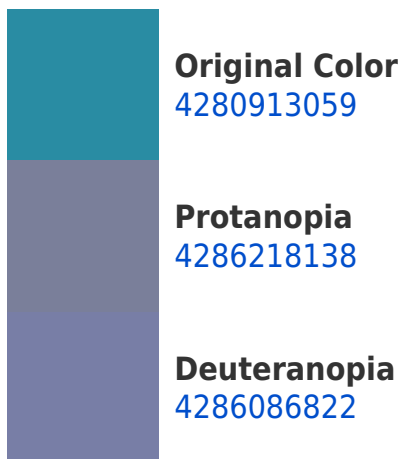


This preview shows how white text looks on a background with the Android color 4280913059.

# 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**  
4280913059



**Protanomaly**  
4284318877



**Deuteranomaly**  
4284187557



**Tritanomaly**  
4280585629

# Monochromacy



**Original Color**  
4280913059



**Achromatopsia**  
4285624689



**Achromatomaly**  
4283923331

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280913059 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(41, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(41, 140, 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(41, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 140, 163) }
```

## Border

The CSS property to change the border of an element to Android 4280913059 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(41, 140, 163) }
```

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

```
.border{ border-color:rgb(41, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(41, 140,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4280913059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 140, 163) }
```

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

```
.background{ background-color: rgb(41, 140,  
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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