

# Converting Colors

Android(4280843129)

Have a look what the booklet for  
Android(4280843129) contains.

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# Color

**Android(4280843129)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	287B79
RGB	40, 123, 121
RGB Percent	16%, 48%, 47%
CMY	0.8431, 0.5176, 0.5255
CMYK	0.67, 0.00, 0.02, 0.52
HSL	179°, 51%, 32%
HSV	179°, 67%, 48%
XYZ	11.4092, 15.9975, 20.5757
YIQ	97.9550, -48.8260, -18.2180

# Conversions

## Conversions Part 2

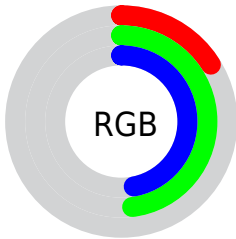
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 82, 123
Decimal	2653049
CIELab	46.97, -24.78, -6.20
CIELCh	47, 25.544, 194.044
Yxy	15.9975, 0.2378, 0.3334
Android (android.graphics.Color)	4280843129 (0xFF287B79)
YUV	97.9550, 11.3612, -50.8265
Hunter-Lab	39.9969, -19.0769, -2.5028

# Details

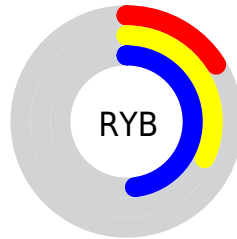
The Android color `4280843129` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286261290`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4284592301`, and `4278209097` is the 20% darker color. If you saturate the color by 10%, you get `4280056697`, and if you desaturate by 10%, it is `4281629561`.

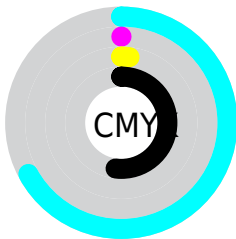
# Distribution



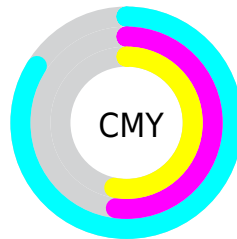
- Red (16%)
- Green (48%)
- Blue (47%)



- Red (16%)
- Yellow (32%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280843129 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 4280843129 by changing the saturation by 10% instead.



 4280843129

 4280843129

4294967295

 4278215264

 4284592301

 4278209097

 4286434249

 4278203186

 4288276709

 4278198045

 4290117631

 4278190082

 4292018175

 4278190080

 4293918719

 4280843129

 4280843129

 4280056697

 4281629561

■ 4279204728

■ 4282481530

■ 4278418296

■ 4283267962

■ 4278221688

■ 4284054394

■ 4284906362

■ 4285692795

■ 4286479227

■ 4287265659

■ 4288117628

# Harmonies

## Analogous

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



4282546787



4280843129



4280514956

# Triad

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



4280843129



4286539406



4287130182

# Complementary

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



4280843129



4286261290

# 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.



4288045906



4280843129



4287783036

# Square

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



4280843129



4284575385



4288307046



4285821253

# Rectangle

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



4280843129



4281628565



4288307046



4287457353



# Sweetspot

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



4280843129



4286685600



4281039656



4282274385



4291940817



4283585106



# Same Dimension

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



4280843129



4280263070



4280833147



4281810237



4278222202



4278254838



# Inverse Universe

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



4286261290



4288749346



4286271272



4282201911



4286382083

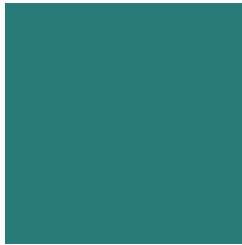


4294705158



# Previews

## White Background



This preview shows how the Android color 4280843129 looks on a white background.

## Color Contrast Check

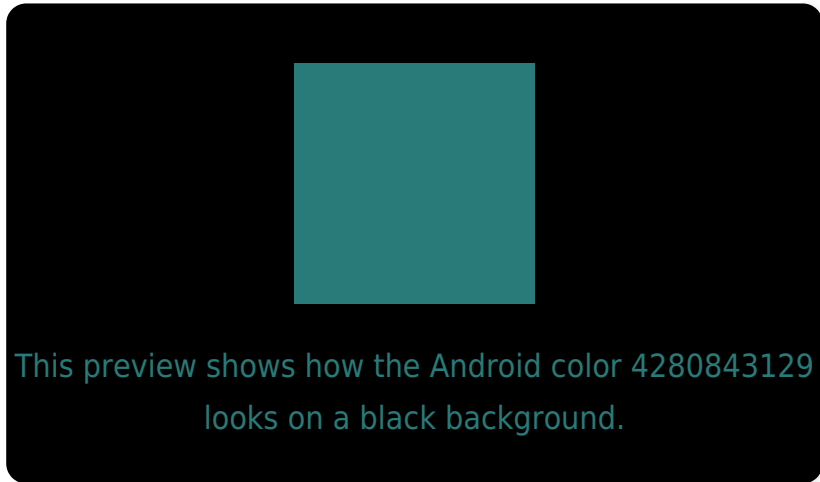
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4280843129 Background



This preview shows how black text looks on a background with the Android color 4280843129.



This preview shows how white text looks on a background with the Android color 4280843129.

# 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



**Original Color**

4280843129

**Protanopia**

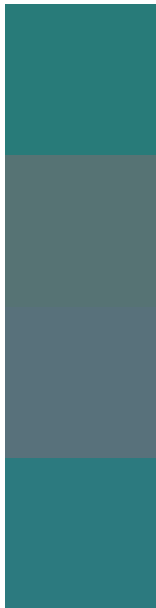
4285558385

**Deuteranopia**

4285754492



# Trichromacy



**Original Color**  
4280843129

**Protanomaly**  
4283855732

**Deuteranomaly**  
4283986299

**Tritanomaly**  
4281105023

# Monochromacy



**Original Color**  
4280843129

**Achromatopsia**  
4284637794

**Achromatomaly**  
4283263850

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280843129 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(40, 123, 121)` looks like.

```
.text, #text, p{  
    color:rgb(40, 123, 121)  
}
```

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(40, 123, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 123, 121) }
```

## Border

The CSS property to change the border of an element to Android 4280843129 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(40, 123, 121) }
```

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

```
.border{ border-color:rgb(40, 123, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 123, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 123, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 123, 121);  
box-shadow:4px 4px 4px 4px rgb(40, 123,  
121) }
```

# Background

The CSS property to change the background color of an element to Android 4280843129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 123, 121) }
```

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

```
.background{ background-color: rgb(40, 123,  
121) }
```

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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