

# Converting Colors

Android(4281039996)

Have a look what the booklet for  
Android(4281039996) contains.

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# Color

**Android(4281039996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B7C7C
RGB	43, 124, 124
RGB Percent	17%, 49%, 49%
CMY	0.8314, 0.5137, 0.5137
CMYK	0.65, 0.00, 0.00, 0.51
HSL	180°, 49%, 33%
HSV	180°, 65%, 49%
XYZ	11.8420, 16.3841, 21.6071
YIQ	99.7810, -48.2760, -17.1720

# Conversions

## Conversions Part 2

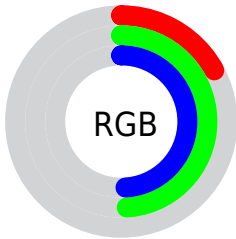
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 84, 124
Decimal	2849916
CIELab	47.47, -23.87, -7.22
CIELCh	47, 24.937, 196.824
Yxy	16.3841, 0.2376, 0.3288
Android (android.graphics.Color)	4281039996 (0xFF2B7C7C)
YUV	99.7810, 11.9400, -49.7969
Hunter-Lab	40.4773, -18.6135, -3.3153

# Details

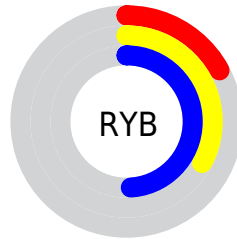
The Android color `4281039996` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286327595`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4284789168`, and `4278209355` is the 20% darker color. If you saturate the color by 10%, you get `4280253564`, and if you desaturate by 10%, it is `4281826428`.

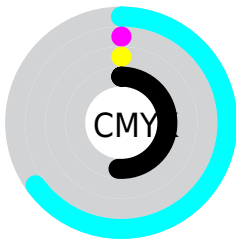
# Distribution



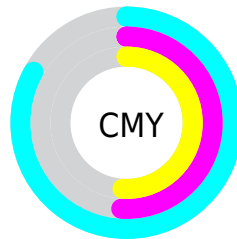
- Red (17%)
- Green (49%)
- Blue (49%)



- Red (17%)
- Yellow (33%)
- Blue (49%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (83%)
- Magenta (51%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281039996 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 4281039996 by changing the saturation by 10% instead.





4281039996



4281039996

4294967295



4278215523



4284789168



4278209355



4286565836



4278203445



4288408040



4278198303



4290248703



4278190087



4292149247



4278190080



4294049791



4281039996



4281039996



4280253564



4281826428

■ 4279401596

■ 4282678396

■ 4278615164

■ 4283464828

■ 4278221948

■ 4284316796

■ 4285103228

■ 4285889660

■ 4286741628

■ 4287528060

■ 4288380028

# Harmonies

## Analogous

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



4282547046



4281039996



4280973967

# Triad

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



4281039996



4286736269



4287065160

# Complementary

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



4281039996



4286327595

# 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.



4287980883



4281039996



4287914619

# Square

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



4281039996



4284903321



4288307557



4285756232

# Rectangle

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



4281039996



4282087319



4288307557



4287457866



# Sweetspot

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



4281039996



4286685601



4281039915



4282274386



4291940817



4283585106



# Same Dimension

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



4281039996



4280525217



4281029756



4281810237



4278222205



4278254844



# Inverse Universe

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



4286327676



4288750497



4286338091



4282201917



4286382205

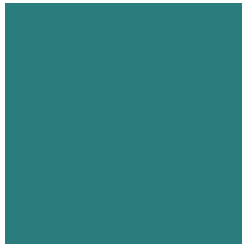


4294705404



# Previews

## White Background



This preview shows how the Android color 4281039996 looks on a white background.

## Color Contrast Check

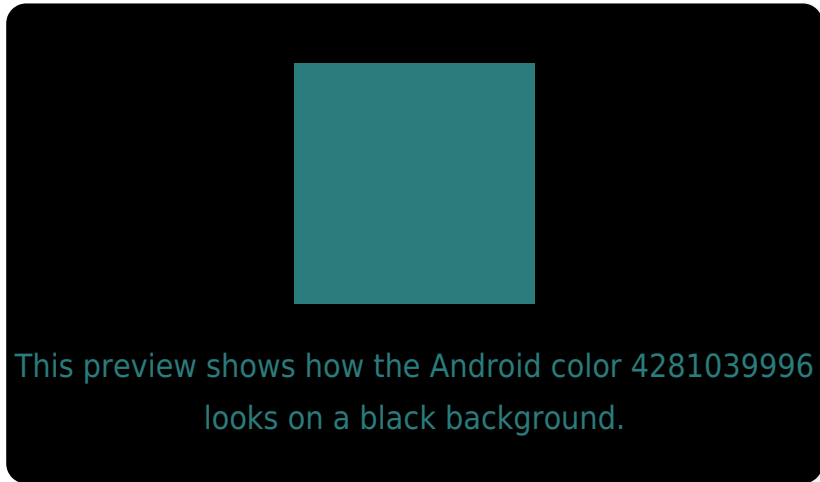
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281039996 Background



This preview shows how black text looks on a background with the Android color 4281039996.

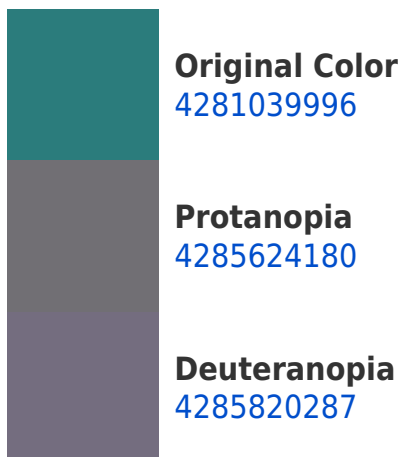


This preview shows how white text looks on a background with the Android color 4281039996.

# 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**  
4281039996

**Protanomaly**  
4283987063

**Deuteranomaly**  
4284052094

**Tritanomaly**  
4281236354

# Monochromacy



**Original Color**  
4281039996

**Achromatopsia**  
4284769380

**Achromatomaly**  
4283395437

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281039996 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(43, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(43, 124, 124)  
}
```

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(43, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 124, 124) }
```

## Border

The CSS property to change the border of an element to Android 4281039996 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(43, 124, 124) }
```

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

```
.border{ border-color:rgb(43, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(43, 124,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4281039996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 124, 124) }
```

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

```
.background{ background-color: rgb(43, 124,  
124) }
```

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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