

# Converting Colors

Android(4280848026)

Have a look what the booklet for  
Android(4280848026) contains.

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# Color

**Android(4280848026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	288E9A
RGB	40, 142, 154
RGB Percent	16%, 56%, 60%
CMY	0.8431, 0.4431, 0.3961
CMYK	0.74, 0.08, 0.00, 0.40
HSL	186°, 59%, 38%
HSV	186°, 74%, 60%
XYZ	16.3808, 22.1302, 33.9800
YIQ	112.8700, -64.6440, -17.8920

# Conversions

## Conversions Part 2

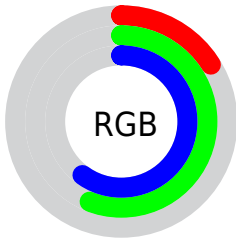
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 94, 154
Decimal	2657946
CIELab	54.16, -24.18, -14.69
CIElCh	54, 28.294, 211.268
Yxy	22.1302, 0.2260, 0.3053
Android (android.graphics.Color)	4280848026 (0xFF288E9A)
YUV	112.8700, 20.2771, -63.9070
Hunter-Lab	47.0428, -20.1692, -9.8966

# Details

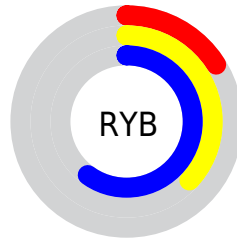
The Android color `4280848026` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288295976`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284990672`, and `4278213479` is the 20% darker color. If you saturate the color by 10%, you get `4279864474`, and if you desaturate by 10%, it is `4281831578`.

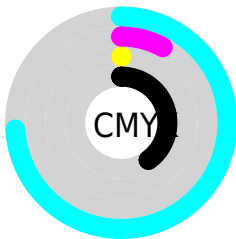
# Distribution



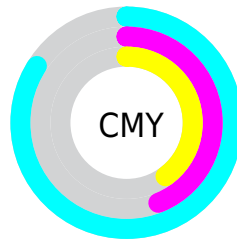
- Red (16%)
- Green (56%)
- Blue (60%)



- Red (16%)
- Yellow (37%)
- Blue (60%)



- Cyan (74%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (44%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280848026 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 4280848026 by changing the saturation by 10% instead.



 4280848026

 4280848026

4294967295

 4278219904

 4284990672

 4278213479

 4286898413

 4278207311

 4288806399

 4278201656

 4290707455

 4278196259

 4292673535

 4278190091

 4294639615

 4278190080

 4280848026

 4280848026

 4279864474

 4281831578

■ 4278815642

■ 4282880410

■ 4278225562

■ 4283863962

■ 4284912794

■ 4285896346

■ 4286879898

■ 4287928730

■ 4288912282

■ 4289961370

# Harmonies

## Analogous

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



4282158978



4280848026



4282092204

# Triad

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



4280848026



4288770969



4287725648

# Complementary

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



4280848026



4288295976

# 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.



4289034327



4280848026



4289752961

# Square

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



4280848026



4287003563



4289818985



4286023767

# Rectangle

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



4280848026



4283729585



4289818985



4288249425



# Sweetspot

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



4280848026



4288529865



4280850995



4283130726



4293322470



4284900966



# Same Dimension

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



4280848026



4279678921



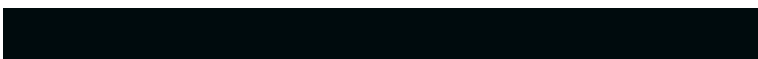
4280833690



4282731597



4278222220



4278192909



# Inverse Universe

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



4288293006



4291368631



4288310312



4283254092



4287365245

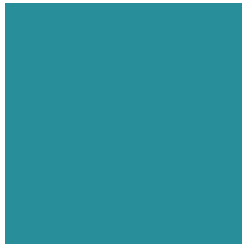


4279042059



# Previews

## White Background



This preview shows how the Android color 4280848026 looks on a white background.

## Color Contrast Check

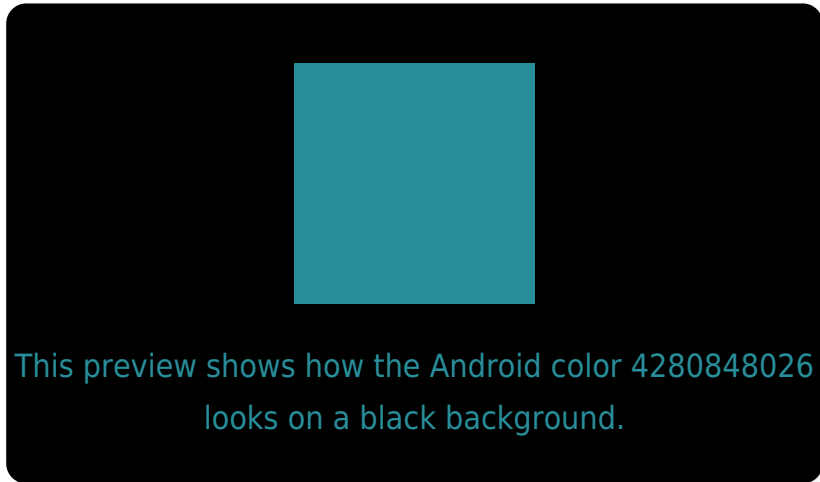
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280848026 Background



This preview shows how black text looks on a background with the Android color 4280848026.

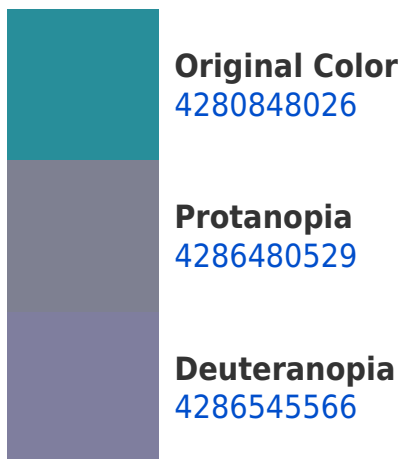


This preview shows how white text looks on a background with the Android color 4280848026.

# 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**  
4280848026

**Protanomaly**  
4284450196

**Deuteranomaly**  
4284449949

**Tritanomaly**  
4280848026

# Monochromacy



**Original Color**  
4280848026

**Achromatopsia**  
4285624689

**Achromatomaly**  
4283858048

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280848026 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, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(40, 142, 154)  
}
```

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, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 142, 154) }
```

## Border

The CSS property to change the border of an element to Android 4280848026 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, 142, 154) }
```

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

```
.border{ border-color:rgb(40, 142, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 142, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 142, 154);  
box-shadow:4px 4px 4px 4px rgb(40, 142,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4280848026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 142, 154) }
```

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

```
.background{ background-color: rgb(40, 142,  
154) }
```

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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