

# Converting Colors

Android(4280190860)

Have a look what the booklet for  
Android(4280190860) contains.

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# Color

**Android(4280190860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E878C
RGB	30, 135, 140
RGB Percent	12%, 53%, 55%
CMY	0.8824, 0.4706, 0.4510
CMYK	0.79, 0.04, 0.00, 0.45
HSL	183°, 65%, 33%
HSV	183°, 79%, 55%
XYZ	13.9330, 19.4974, 27.8400
YIQ	104.1750, -64.1850, -20.7050

# Conversions

## Conversions Part 2

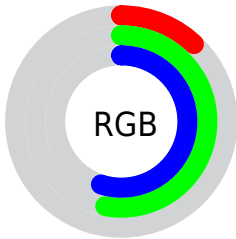
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 84, 140
Decimal	2000780
CIELab	51.26, -26.30, -10.97
CIElCh	51, 28.491, 202.641
Yxy	19.4974, 0.2274, 0.3182
Android (android.graphics.Color)	4280190860 (0xFF1E878C)
YUV	104.1750, 17.6617, -65.0515
Hunter-Lab	44.1559, -20.9486, -6.4728

# Details

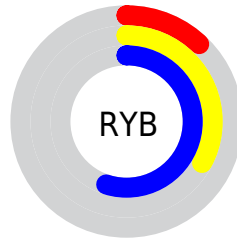
The Android color `4280190860` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287374110`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284464578`, and `4278211930` is the 20% darker color. If you saturate the color by 10%, you get `4279273100`, and if you desaturate by 10%, it is `4281108620`.

# Distribution



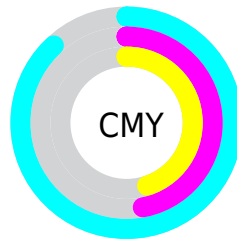
- Red (12%)
- Green (53%)
- Blue (55%)



- Red (12%)
- Yellow (33%)
- Blue (55%)



- Cyan (79%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (88%)
- Magenta (47%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280190860 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 4280190860 by changing the saturation by 10% instead.



 4280190860

 4280190860

4294967295

 4278218099

 4284464578

 4278211930

 4286372317

 4278205763

 4288280058

 4278200108

 4290183167

 4278192665

 4292083711


 4278190080

 4293984255

 4280190860

 4280190860

 4279273100

 4281108620

■ 4278355596

■ 4282026124

■ 4278224524

■ 4282943884

■ 4283861644

■ 4284779148

■ 4285696908

■ 4286614412

■ 4287532172

■ 4288449932

# Harmonies

## Analogous

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



4282156915



4280190860



4280648864

# Triad

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



4280190860



4287851928



4287657802

# Complementary

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



4280190860



4287374110

# 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.



4288835156



4280190860



4289030273

# Square

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



4280190860



4285822631



4289357929



4286086732

# Rectangle

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



4280190860



4282352040



4289357929



4288115788



# Sweetspot

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



4280190860



4287280053



4280192034



4282473308



4292598747



4284243036



# Same Dimension

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



4280190860



4278955445



4280177036



4282271045



4278222725



4278191365



# Inverse Universe

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



4287372935



4290055085



4287387934



4282728005



4286906495

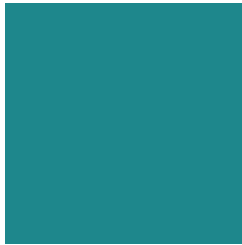


4278517765



# Previews

## White Background



This preview shows how the Android color 4280190860 looks on a white background.

## Color Contrast Check

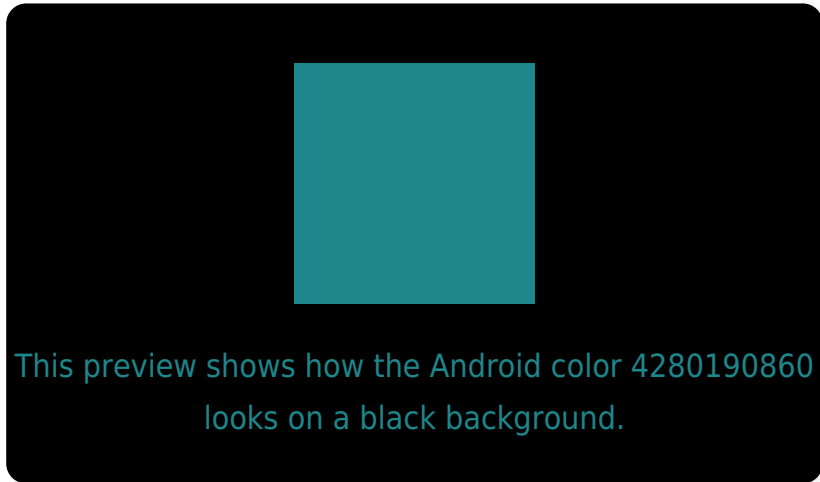
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280190860 Background



This preview shows how black text looks on a background with the Android color 4280190860.

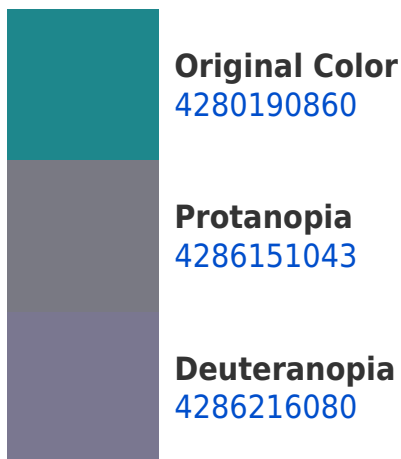


This preview shows how white text looks on a background with the Android color 4280190860.

# 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



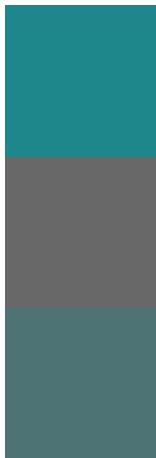
**Original Color**  
4280190860

**Protanomaly**  
4283989638

**Deuteranomaly**  
4284054927

**Tritanomaly**  
4280387215

# Monochromacy



**Original Color**  
4280190860

**Achromatopsia**  
4285032552

**Achromatomaly**  
4283265909

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280190860 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(30, 135, 140)` looks like.

```
.text, #text, p{  
    color:rgb(30, 135, 140)  
}
```

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(30, 135, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 135, 140) }
```

## Border

The CSS property to change the border of an element to Android 4280190860 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(30, 135, 140) }
```

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

```
.border{ border-color:rgb(30, 135, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 135, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 135, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 135, 140);  
box-shadow:4px 4px 4px 4px rgb(30, 135,  
140) }
```

# Background

The CSS property to change the background color of an element to Android 4280190860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 135, 140) }
```

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

```
.background{ background-color: rgb(30, 135,  
140) }
```

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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