

Converting Colors

Android(4280189068)

Have a look what the booklet for
Android(4280189068) contains.

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Color

Android(4280189068)

Conversions

Conversions Part 1

Format	Color
Hex	1E808C
RGB	30, 128, 140
RGB Percent	12%, 50%, 55%
CMY	0.8824, 0.4980, 0.4510
CMYK	0.79, 0.09, 0.00, 0.45
HSL	187°, 65%, 33%
HSV	187°, 79%, 55%
XYZ	12.9882, 17.6078, 27.5250
YIQ	100.0660, -62.2600, -17.0440

Conversions

Conversions Part 2

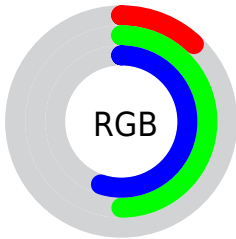
Format	Color
R_{YB}	30, 82, 140
Decimal	1998988
CIE _{Lab}	49.02, -22.71, -14.36
CIE _{LCh}	49, 26.868, 212.311
Yxy	17.6078, 0.2235, 0.3030
Android (android.graphics.Color)	4280189068 (0xFF1E808C)
YUV	100.0660, 19.6875, -61.4479
Hunter-Lab	41.9617, -18.1826, -9.5185

Details

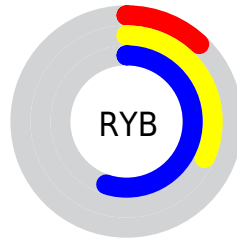
The Android color `4280189068` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287375902`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4284396994`, and `4278210138` is the 20% darker color. If you saturate the color by 10%, you get `4279271052`, and if you desaturate by 10%, it is `4281107084`.

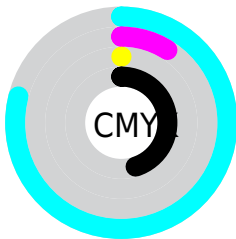
Distribution



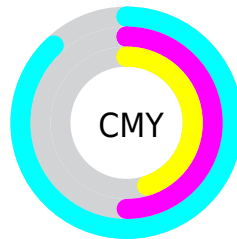
- Red (12%)
- Green (50%)
- Blue (55%)



- Red (12%)
- Yellow (32%)
- Blue (55%)



- Cyan (79%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (88%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280189068 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 4280189068 by changing the saturation by 10% instead.



4280189068



4280189068

4294967295



4278216562



4284396994



4278210138



4286304733



4278204227



4288146938



4278198828



4290052095



4278190360



4291952639



4278190080



4293918719



4280189068



4280189068



4279271052



4281107084

■ 4278353292

■ 4282024844

■ 4278222220

■ 4282942860

■ 4283860620

■ 4284778636

■ 4285696396

■ 4286614412

■ 4287532172

■ 4288450188

Harmonies

Analogous

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



4281500022



4280189068



4281498780

Triad

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



4280189068



4287850122



4286739527

Complementary

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



4280189068



4287375902

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.



4287982669



4280189068



4288701300

Square

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



4280189068



4286213787



4288701789



4285168205

Rectangle

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



4280189068



4283136161



4288701789



4287197511

Sweetspot

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



4280189068



4287279285



4280192041



4282472796



4292598747



4284243036

Same Dimension

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



4280189068



4278952629



4280175244



4282270789



4278220421



4278191365

Inverse Universe

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



4287372928



4290055074



4287389726



4282728004



4286906486



4278517765

Previews

White Background



This preview shows how the Android color 4280189068 looks on a white background.

Color Contrast Check

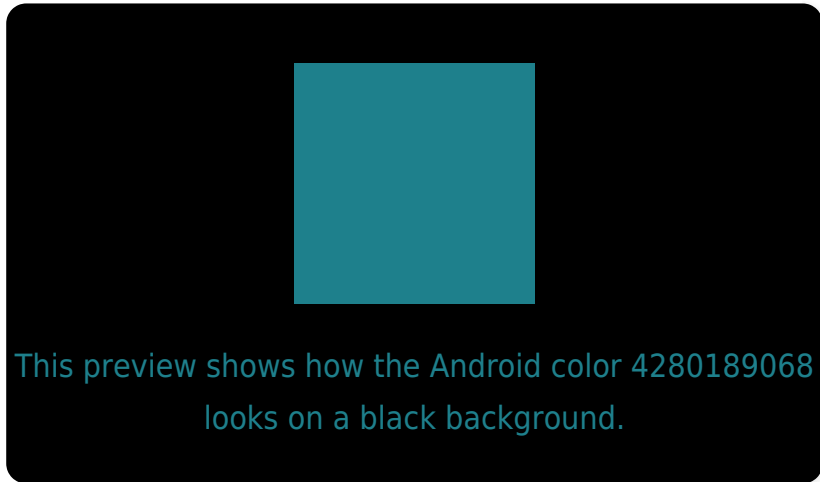
Large Text (above 18pt) WCAG AA ✓ Pass

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

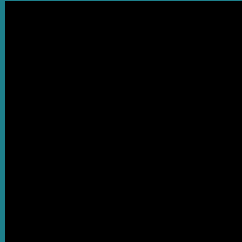
Any Text WCAG AA ✓ Pass

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 4280189068 Background



This preview shows how black text looks on a background with the Android color 4280189068.

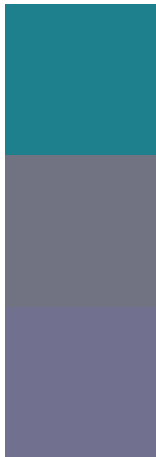


This preview shows how white text looks on a background with the Android color 4280189068.

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
4280189068

Protanopia
4285625219

Deuteranopia
4285624719

Trichromacy



Original Color
4280189068

Protanomaly
4283660422

Deuteranomaly
4283659918

Tritanomaly
4280123531

Monochromacy



Original Color
4280189068

Achromatopsia
4284769380

Achromatomaly
4283133555

CSS Examples

Text

The CSS property to change the color of the text to Android 4280189068 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, 128, 140)` looks like.

```
.text, #text, p{  
    color:rgb(30, 128, 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, 128, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 128, 140) }
```

Border

The CSS property to change the border of an element to Android 4280189068 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, 128, 140) }
```

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

```
.border{ border-color:rgb(30, 128, 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, 128, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 128, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 128, 140);  
box-shadow:4px 4px 4px 4px rgb(30, 128,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4280189068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 128, 140) }
```

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

```
.background{ background-color: rgb(30, 128,  
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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