

Converting Colors

Android(4280380018)

Have a look what the booklet for
Android(4280380018) contains.

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Color

Android(4280380018)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 216A72 |
| RGB | 33, 106, 114 |
| RGB Percent | 13%, 42%, 45% |
| CMY | 0.8706, 0.5843, 0.5529 |
| CMYK | 0.71, 0.07, 0.00, 0.55 |
| HSL | 186°, 55%, 29% |
| HSV | 186°, 71%, 45% |
| XYZ | 8.8185, 11.8463, 17.7414 |
| YIQ | 85.0850, -46.0760, -12.9880 |

Conversions

Conversions Part 2

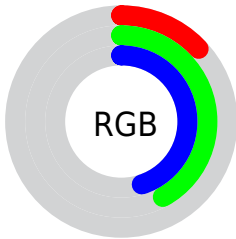
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 33, 71, 114 |
| Decimal | 2189938 |
| CIELab | 40.97, -19.21, -11.01 |
| CIELCh | 41, 22.142, 209.824 |
| Yxy | 11.8463, 0.2296, 0.3084 |
| Android (android.graphics.Color) | 4280380018 (0xFF216A72) |
| YUV | 85.0850, 14.2551, -45.6785 |
| Hunter-Lab | 34.4185, -14.4981, -6.4687 |




Details

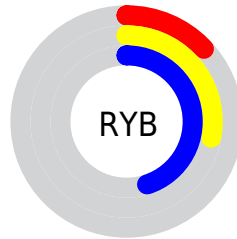
The Android color `4280380018` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285671713`, and the grayscale version is `4283782485`.




A 20% lighter version of the original color is `4284128934`, and `4278204994` is the 20% darker color. If you saturate the color by 10%, you get `4279658866`, and if you desaturate by 10%, it is `4281101170`.

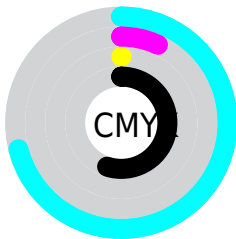
Distribution







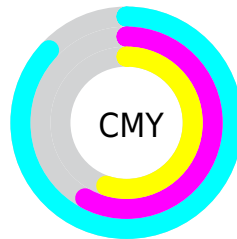
-  Red (13%)
-  Green (42%)
-  Blue (45%)






-  Red (13%)
-  Yellow (28%)
-  Blue (45%)



-  Cyan (71%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (87%)
-  Magenta (58%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280380018 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 4280380018 by changing the saturation by 10% instead.

 4280380018

 4280380018

4294967295

 4278211162

 4284128934

 4278204994

 4285905345

 4278199340

 4287681757

 4278192152

 4289524217

 4278190080


 4291428351

 4293328895

 4280380018

 4280380018

 4279658866

 4281101170

■ 4278872178

■ 4281887858

■ 4278216562

■ 4282609010

■ 4283395954

■ 4284117106

■ 4284838258

■ 4285624946

■ 4286346098

■ 4287132786

Harmonies

Analogous

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



4281297504



4280380018



4281100159

Triad

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



4280380018



4286076531



4285357884

Complementary

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



4280380018



4285671713

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.



4286339394



4280380018



4286796641

Square

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



4280380018



4284701824



4286862415



4284114241

Rectangle

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



4280380018



4282279044



4286862415



4285750589

Sweetspot

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



4280380018



4285895060



4280381992



4281813066



4291414473



4283058762

Same Dimension

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



4280380018



4279666580



4280370034



4281481272



4278217848



4278247415

Inverse Universe

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



4285669738



4287895175



4285681697



4281872952



4286054508



4294377695

Previews

White Background



This preview shows how the Android color 4280380018 looks on a white background.

Color Contrast Check

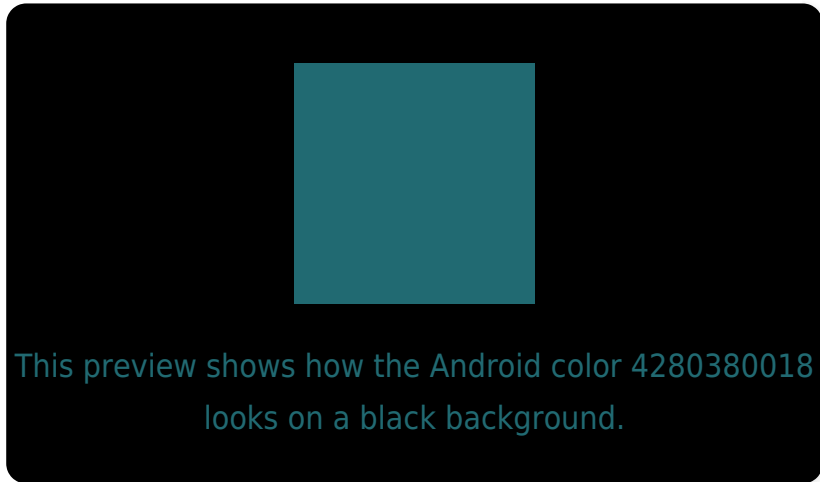
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280380018 Background



This preview shows how black text looks on a background with the Android color 4280380018.



This preview shows how white text looks on a background with the Android color 4280380018.

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

4280380018

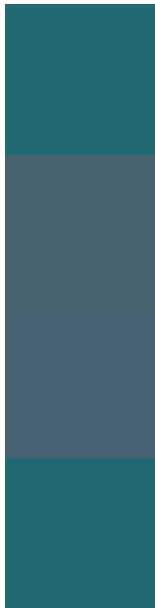
Protanopia

4284440427

Deuteranopia

4284440181

Trichromacy



Original Color
4280380018

Protanomaly
4282934126

Deuteranomaly
4282933876

Tritanomaly
4280380019

Monochromacy



Original Color
4280380018

Achromatopsia
4283782485

Achromatomaly
4282539360

CSS Examples

Text

The CSS property to change the color of the text to Android 4280380018 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(33, 106, 114)` looks like.

```
.text, #text, p{  
    color:rgb(33, 106, 114)  
}
```

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(33, 106, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 106, 114) }
```

Border

The CSS property to change the border of an element to Android 4280380018 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(33, 106, 114) }
```

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

```
.border{ border-color:rgb(33, 106, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 106, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 106, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 106, 114);  
box-shadow:4px 4px 4px 4px rgb(33, 106,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4280380018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 106, 114) }
```

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

```
.background{ background-color: rgb(33, 106,  
114) }
```

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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