

Converting Colors

Android(4280785070)

Have a look what the booklet for
Android(4280785070) contains.

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Color

Android(4280785070)

Conversions

Conversions Part 1

Format	Color
Hex	2798AE
RGB	39, 152, 174
RGB Percent	15%, 60%, 68%
CMY	0.8471, 0.4039, 0.3176
CMYK	0.78, 0.13, 0.00, 0.32
HSL	190°, 63%, 42%
HSV	190°, 78%, 68%
XYZ	19.7049, 25.9438, 44.0135
YIQ	120.7210, -74.4100, -17.1140

Conversions

Conversions Part 2

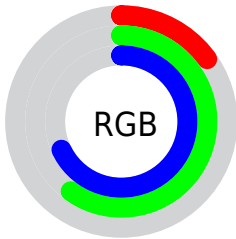
Format	Color
R_{YB}	39, 101, 174
Decimal	2594990
CIE _{Lab}	57.98, -22.97, -20.32
CIE _{LCh}	58, 30.668, 221.498
Yxy	25.9438, 0.2198, 0.2894
Android (android.graphics.Color)	4280785070 (0xFF2798AE)
YUV	120.7210, 26.2665, -71.6693
Hunter-Lab	50.9351, -20.0812, -15.5785

Details

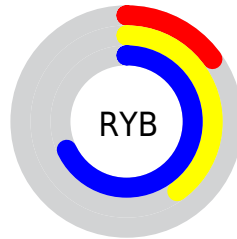
The Android color `4280785070` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289608999`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4285255654`, and `4278216058` is the 20% darker color. If you saturate the color by 10%, you get `4279670190`, and if you desaturate by 10%, it is `4281899950`.

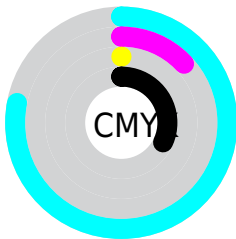
Distribution



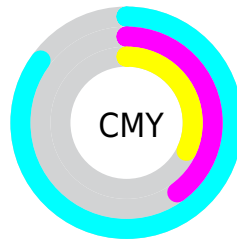
- Red (15%)
- Green (60%)
- Blue (68%)



- Red (15%)
- Yellow (40%)
- Blue (68%)



- Cyan (78%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (85%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280785070 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 4280785070 by changing the saturation by 10% instead.

 4280785070

 4280785070

4294967295

 4278222483

 4285255654


 4278216058

 4287163391

 4278209633

 4289134591

 4278203721

 4291100671

 4278198578

 4293001215

 4278190621

 4278190080

 4280785070

 4280785070

 4279670190

 4281899950

■ 4278489774

■ 4283080366

■ 4278227630

■ 4284195246

■ 4285375406

■ 4286490286

■ 4287605166

■ 4288785582

■ 4289900462

■ 4291080878

Harmonies

Analogous

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



4281571989



4280785070



4283077566

Triad

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



4280785070



4290083229



4287860054

Complementary

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



4280785070



4289608999

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.



4289496153



4280785070



4290803586

Square

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



4280785070



4288446900



4290542441



4285895778

Rectangle

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



4280785070



4285042113



4290542441



4288449109

Sweetspot

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



4280785070



4289714915



4280790587



4283657843



4294111986



4285756275

Same Dimension

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



4280785070



4279288291



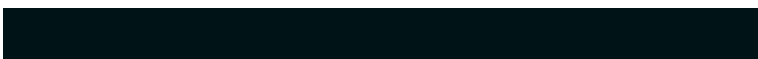
4280768174



4283323735



4278222486



4278194967

Inverse Universe

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



4289603480



4293071041



4289625895



4283911765



4288020606



4279697427

Previews

White Background



This preview shows how the Android color 4280785070 looks on a white background.

Color Contrast Check

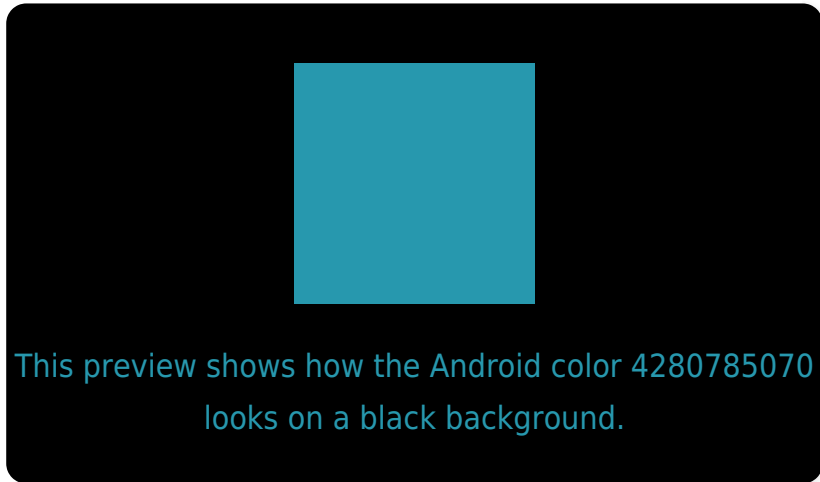
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280785070 Background



This preview shows how black text looks on a background with the Android color 4280785070.



This preview shows how white text looks on a background with the Android color 4280785070.

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

4280785070



Protanomaly

4284714664



Deuteranomaly

4284649137



Tritanomaly

4280457641

Monochromacy



Original Color

4280785070



Achromatopsia

4286151033



Achromatomaly

4284187788

CSS Examples

Text

The CSS property to change the color of the text to Android 4280785070 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(39, 152, 174)` looks like.

```
.text, #text, p{  
    color:rgb(39, 152, 174)  
}
```

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(39, 152, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 152, 174) }
```

Border

The CSS property to change the border of an element to Android 4280785070 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(39, 152, 174) }
```

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

```
.border{ border-color:rgb(39, 152, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 152, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(39, 152,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4280785070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 152, 174) }
```

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

```
.background{ background-color: rgb(39, 152,  
174) }
```

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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