

Converting Colors

Android(4280973956)

Have a look what the booklet for
Android(4280973956) contains.

| | |
|--|----|
| Android(4280973956) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4280973956)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2A7A84 |
| RGB | 42, 122, 132 |
| RGB Percent | 16%, 48%, 52% |
| CMY | 0.8353, 0.5216, 0.4824 |
| CMYK | 0.68, 0.08, 0.00, 0.48 |
| HSL | 187°, 52%, 34% |
| HSV | 187°, 68%, 52% |
| XYZ | 12.0792, 16.0773, 24.2964 |
| YIQ | 99.2200, -50.8900, -13.8500 |

Conversions

Conversions Part 2

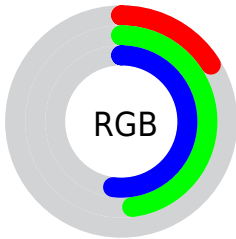
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 42, 84, 132 |
| Decimal | 2783876 |
| CIELab | 47.08, -20.49, -12.56 |
| CIElCh | 47, 24.035, 211.496 |
| Yxy | 16.0773, 0.2303, 0.3065 |
| Android (android.graphics.Color) | 4280973956 (0xFF2A7A84) |
| YUV | 99.2200, 16.1605, -50.1819 |
| Hunter-Lab | 40.0964, -16.3948, -7.8592 |

Details

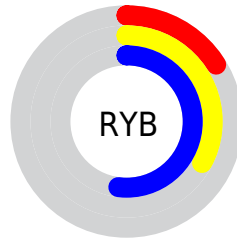
The Android color `4280973956` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286854186`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4284788665`, and `4278208851` is the 20% darker color. If you saturate the color by 10%, you get `4280121732`, and if you desaturate by 10%, it is `4281826180`.

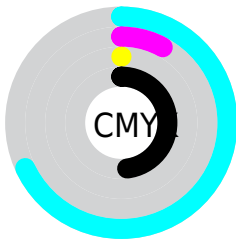
Distribution



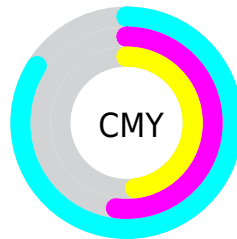
- Red (16%)
- Green (48%)
- Blue (52%)



- Red (16%)
- Yellow (33%)
- Blue (52%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (84%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280973956 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 4280973956 by changing the saturation by 10% instead.

 4280973956

 4280973956

4294967295

 4278215019

 4284788665

 4278208851

 4286565077

 4278202940

 4288407281

 4278197798

 4290314239

 4278190353

 4292214783


 4278190080

 4294115327

 4280973956

 4280973956

 4280121732

 4281826180

■ 4279269252

■ 4282678660

■ 4278351492

■ 4283596420

■ 4278220164

■ 4284448900

■ 4285301124

■ 4286153604

■ 4287005828

■ 4287923844

■ 4288776068

Harmonies

Analogous

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



4281891696



4280973956



4281890707

Triad

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



4280973956



4287259523



4286410567

Complementary

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



4280973956



4286854186

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.



4287457357



4280973956



4288045167

Square

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



4280973956



4285819538



4288111196



4284970317

Rectangle

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



4280973956



4283134871



4288111196



4286803016

Sweetspot

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



4280973956



4287211435



4280976435



4282537047



4292269782



4283914071

Same Dimension

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



4280973956



4280261547



4280962692



4282139202



4278219906



4278190595

Inverse Universe

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



4286851706



4289404827



4286865450



4282530882



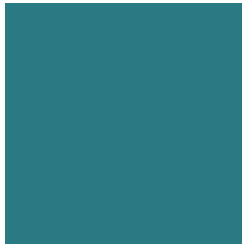
4286709876



4278386690

Previews

White Background



This preview shows how the Android color 4280973956 looks on a white background.

Color Contrast Check

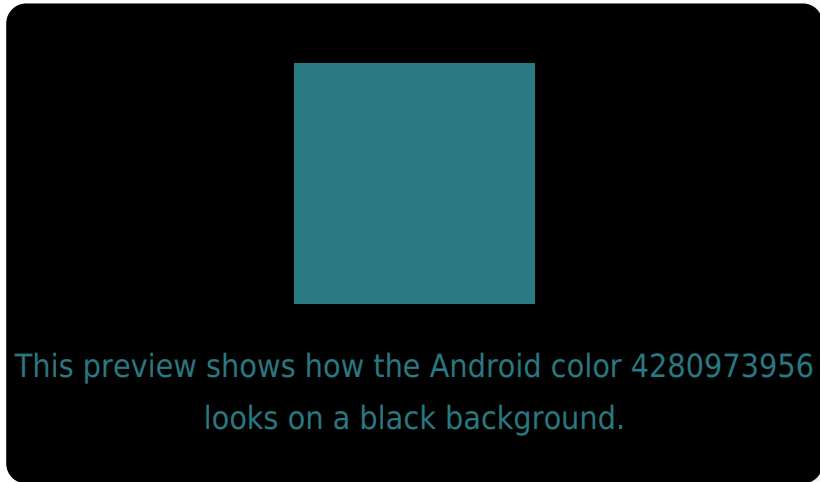
Large Text (above 18pt) WCAG AA ✓ Pass

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

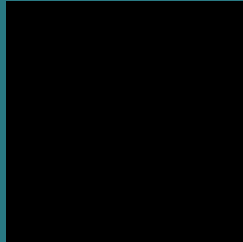
Any Text WCAG AA × Fail

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 4280973956 Background



This preview shows how black text looks on a background with the Android color 4280973956.

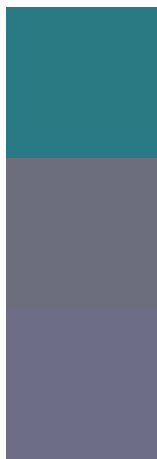


This preview shows how white text looks on a background with the Android color 4280973956.

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

4280973956

Protanopia

4285361788

Deuteranopia

4285427079

Trichromacy



Original Color
4280973956

Protanomaly
4283789951

Deuteranomaly
4283789958

Tritanomaly
4280973956

Monochromacy



Original Color
4280973956

Achromatopsia
4284703587

Achromatomaly
4283329391

CSS Examples

Text

The CSS property to change the color of the text to Android 4280973956 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(42, 122, 132)` looks like.

```
.text, #text, p{  
    color:rgb(42, 122, 132)  
}
```

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(42, 122, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 122, 132) }
```

Border

The CSS property to change the border of an element to Android 4280973956 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(42, 122, 132) }
```

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

```
.border{ border-color:rgb(42, 122, 132) }
```

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

Here you see how a box with a 4 pixel rgb(42, 122, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 122, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 122, 132);  
box-shadow:4px 4px 4px 4px rgb(42, 122,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4280973956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 122, 132) }
```

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

```
.background{ background-color: rgb(42, 122,  
132) }
```

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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