

Converting Colors

Android(4280572256)

Have a look what the booklet for
Android(4280572256) contains.

Android(4280572256)	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(4280572256)

Conversions

Conversions Part 1

Format	Color
Hex	245960
RGB	36, 89, 96
RGB Percent	14%, 35%, 38%
CMY	0.8588, 0.6510, 0.6235
CMYK	0.63, 0.07, 0.00, 0.62
HSL	187°, 45%, 26%
HSV	187°, 62%, 38%
XYZ	6.4113, 8.3644, 12.3429
YIQ	73.9510, -33.8350, -9.0590

Conversions

Conversions Part 2

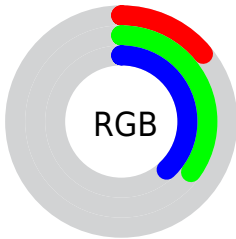
Format	Color
R_{YB}	36, 64, 96
Decimal	2382176
CIE _{Lab}	34.73, -15.13, -9.33
CIE _{LCh}	35, 17.775, 211.652
Yxy	8.3644, 0.2364, 0.3084
Android (android.graphics.Color)	4280572256 (0xFF245960)
YUV	73.9510, 10.8702, -33.2830
Hunter-Lab	28.9212, -11.0422, -5.0588

Details

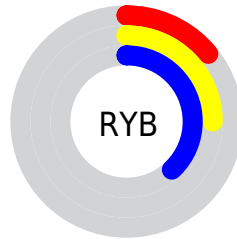
The Android color `4280572256` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284492580`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4283992978`, and `4278201138` is the 20% darker color. If you saturate the color by 10%, you get `4279916640`, and if you desaturate by 10%, it is `4281227872`.

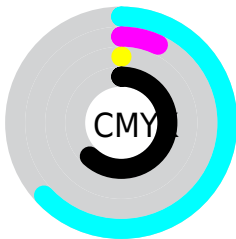
Distribution



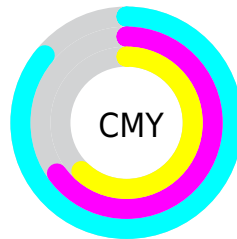
- Red (14%)
- Green (35%)
- Blue (38%)



- Red (14%)
- Yellow (25%)
- Blue (38%)



- Cyan (63%)
- Magenta (7%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280572256 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 4280572256 by changing the saturation by 10% instead.



4280572256



4280572256

4294967295



4278403400



4283992978



4278201138



4285703853



4278196253



4287480264



4278190081



4289256932



4278190080



4291099135



4292935679



4294836223



4280572256



4280572256

■ 4279916640

■ 4281227872

■ 4279326560

■ 4281817952

■ 4278670944

■ 4282473568

■ 4278211936

■ 4283063648

■ 4283719520

■ 4284375136

■ 4284965216

■ 4285620832

■ 4286210912

Harmonies

Analogous

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



4281096530



4280572256



4281161578

Triad

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



4280572256



4284762463



4284174645

Complementary

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



4280572256



4284492580

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.



4284959801



4280572256



4285351761

Square

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



4280572256



4283780714



4285352004



4283192633

Rectangle

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



4280572256



4281947245



4285352004



4284436278

Sweetspot

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



4280572256



4284840573



4280573995



4281417280



4290756543



4282400832

Same Dimension

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



4280572256



4280251005



4280564576



4281086000



4278215536



4278244592

Inverse Universe

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



4284490841



4286390130



4284500260



4281347120



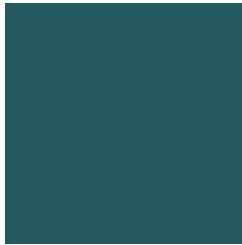
4285530211



4293918932

Previews

White Background



This preview shows how the Android color 4280572256 looks on a white background.

Color Contrast Check

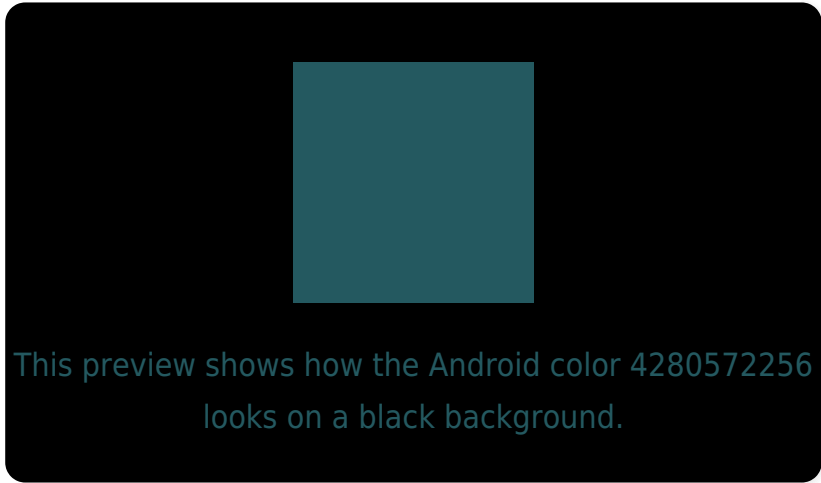
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

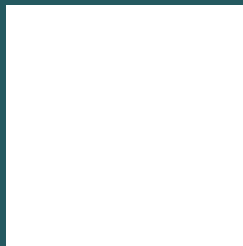
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280572256 Background



This preview shows how black text looks on a background with the Android color 4280572256.



This preview shows how white text looks on a background with the Android color 4280572256.

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

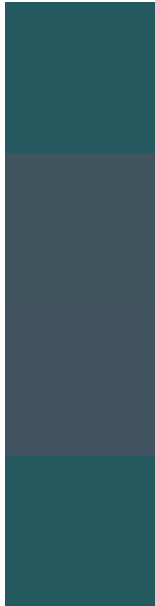


Original Color
4280572256

Protanopia
4283453787

Deuteranopia
4283519074

Trichromacy



Original Color

4280572256

Protanomaly

4282405981

Deuteranomaly

4282471265

Tritanomaly

4280572256

Monochromacy



Original Color

4280572256

Achromatopsia

4283058762

Achromatomaly

4282142546

CSS Examples

Text

The CSS property to change the color of the text to Android 4280572256 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(36, 89, 96)` looks like.

```
.text, #text, p{  
    color:rgb(36, 89, 96)  
}
```

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(36, 89, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 89, 96) }
```

Border

The CSS property to change the border of an element to Android 4280572256 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(36, 89, 96) }
```

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

```
.border{ border-color:rgb(36, 89, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 89, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 89, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 89, 96);  
box-shadow:4px 4px 4px 4px rgb(36, 89, 96)  
}
```

Background

The CSS property to change the background color of an element to Android 4280572256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 89, 96) }
```

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

```
.background{ background-color: rgb(36, 89,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor