

Converting Colors

Android(4280771913)

Have a look what the booklet for
Android(4280771913) contains.

| | |
|--|----|
| Android(4280771913) | 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(4280771913)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 276549 |
| RGB | 39, 101, 73 |
| RGB Percent | 15%, 40%, 29% |
| CMY | 0.8471, 0.6039, 0.7137 |
| CMYK | 0.61, 0.00, 0.28, 0.60 |
| HSL | 153°, 44%, 27% |
| HSV | 153°, 61%, 40% |
| XYZ | 6.6930, 10.2197, 7.9232 |
| YIQ | 79.2700, -27.9640, -21.8520 |

Conversions

Conversions Part 2

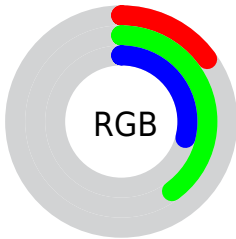
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 39, 79, 101 |
| Decimal | 2581833 |
| CIELab | 38.23, -27.29, 10.01 |
| CIElCh | 38, 29.071, 159.862 |
| Yxy | 10.2197, 0.2695, 0.4115 |
| Android (android.graphics.Color) | 4280771913 (0xFF276549) |
| YUV | 79.2700, -3.0911, -35.3168 |
| Hunter-Lab | 31.9683, -18.5733, 7.6831 |

Details

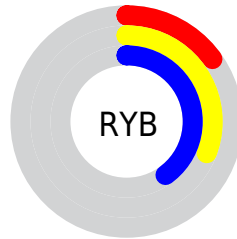
The Android color `4280771913` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4284819267`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284192890`, and `4278203677` is the 20% darker color. If you saturate the color by 10%, you get `4280116548`, and if you desaturate by 10%, it is `4281427278`.

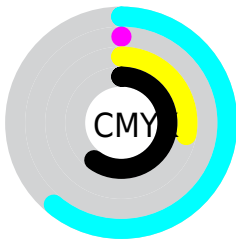
Distribution



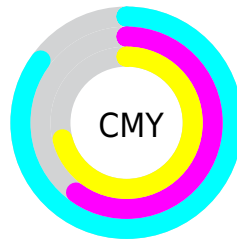
- Red (15%)
- Green (40%)
- Blue (29%)



- Red (15%)
- Yellow (31%)
- Blue (40%)



- Cyan (61%)
- Magenta (0%)
- Yellow (28%)
- Black (60%)



- Cyan (85%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280771913 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 4280771913 by changing the saturation by 10% instead.



4280771913



4280771913

4294967295



4278734130



4284192890



4278203677



4285903763



4278198532



4287614894



4278190080



4289457353



4291231718



4293132287



4280771913



4280771913



4280116548



4281427278

■ 4279461184

■ 4282082642

■ 4278805819

■ 4282738007

■ 4278215991

■ 4283393371

■ 4284114272

■ 4284769636

■ 4285425001

■ 4286080365

■ 4286735730

Harmonies

Analogous

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



4282868021



4280771913



4278216289

Triad

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



4280771913



4282538632



4286794557

Complementary

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



4280771913



4284819267

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.



4287055699



4280771913



4284895614

Square

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



4280771913



4278215046



4286400875



4285944622

Rectangle

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



4280771913



4278216305



4286400875



4286990660

Sweetspot

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



4280771913



4285235831



4282672423



4281614908



4290953922



4282532418

Same Dimension

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



4280771913



4280451671



4280771429



4281217841



4278219583



4278252165

Inverse Universe

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



4284819267



4286718541



4284819751



4281544240



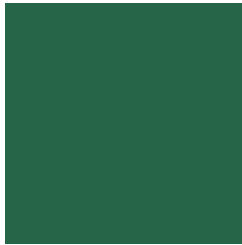
4285726772



4294049901

Previews

White Background



This preview shows how the Android color 4280771913 looks on a white background.

Color Contrast Check

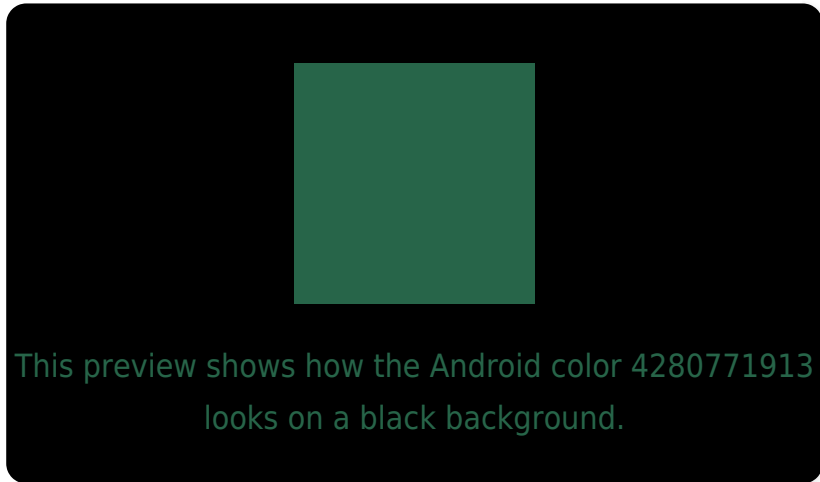
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280771913 Background



This preview shows how black text looks on a background with the Android color 4280771913.



This preview shows how white text looks on a background with the Android color 4280771913.

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
4280771913

Protanopia
4284504388

Deuteranopia
4284962380

Trichromacy



Original Color
4280771913

Protanomaly
4283129158

Deuteranomaly
4283456331

Tritanomaly
4281229917

Monochromacy



Original Color
4280771913

Achromatopsia
4283387727

Achromatomaly
4282406733

CSS Examples

Text

The CSS property to change the color of the text to Android 4280771913 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, 101, 73)` looks like.

```
.text, #text, p{  
    color:rgb(39, 101, 73)  
}
```

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, 101, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 101, 73) }
```

Border

The CSS property to change the border of an element to Android 4280771913 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, 101, 73) }
```

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

```
.border{ border-color:rgb(39, 101, 73) }
```

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

Here you see how a box with a 4 pixel rgb(39, 101, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 101, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 101, 73);  
box-shadow:4px 4px 4px 4px rgb(39, 101,  
73) }
```

Background

The CSS property to change the background color of an element to Android 4280771913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 101, 73) }
```

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

```
.background{ background-color: rgb(39, 101,  
73) }
```

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