

Converting Colors

Android(4280767313)

Have a look what the booklet for
Android(4280767313) contains.

Android(4280767313)	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(4280767313)

Conversions

Conversions Part 1

Format	Color
Hex	275351
RGB	39, 83, 81
RGB Percent	15%, 33%, 32%
CMY	0.8471, 0.6745, 0.6824
CMYK	0.53, 0.00, 0.02, 0.67
HSL	177°, 36%, 24%
HSV	177°, 53%, 33%
XYZ	5.4152, 7.2119, 8.8912
YIQ	69.6160, -25.5820, -9.9500

Conversions

Conversions Part 2

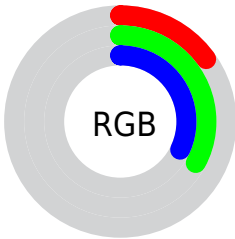
Format	Color
R_YB	39, 62, 83
Decimal	2577233
CIE Lab	32.28, -15.73, -3.52
CIE LCh	32, 16.117, 192.614
Yxy	7.2119, 0.2517, 0.3352
Android (android.graphics.Color)	4280767313 (0xFF275351)
YUV	69.6160, 5.6123, -26.8502
Hunter-Lab	26.8550, -11.0028, -0.8313

Details

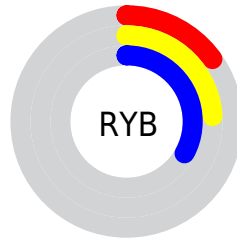
The Android color **4280767313** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4283639593**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4283991426**, and **4278199845** is the 20% darker color. If you saturate the color by 10%, you get **4280243025**, and if you desaturate by 10%, it is **4281291601**.

Distribution



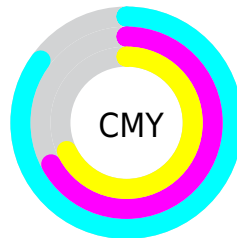
- Red (15%)
- Green (33%)
- Blue (32%)



- Red (15%)
- Yellow (24%)
- Blue (33%)



- Cyan (53%)
- Magenta (0%)
- Yellow (2%)
- Black (67%)



- Cyan (85%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280767313 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 4280767313 by changing the saturation by 10% instead.



4280767313



4280767313

4294967295



4279057466



4283991426



4278199845



4285702044



4278193936



4287412919



4278190080



4289189587



4291031791



4292870143



4294770687



4280767313



4280767313

■ 4280243025

■ 4281291601

■ 4279653200

■ 4281881426

■ 4279128912

■ 4282405714

■ 4278604623

■ 4282930003

■ 4278211407

■ 4283519827

■ 4284044115

■ 4284568404

■ 4285092692

■ 4285682516

Harmonies

Analogous

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



4281553476



4280767313



4280635997

Triad

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



4280767313



4283713375



4284238132

Complementary

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



4280767313



4283639593

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.



4284695867



4280767313



4284498772

Square

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



4280767313



4282600293



4284826439



4283452723

Rectangle

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



4280767313



4281094242



4284826439



4284434230

Sweetspot

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



4280767313



4284115818



4280898343



4281022005



4290098613



4281742902

Same Dimension

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



4280767313



4280773480



4280762195



4280625449



4278217060



4278249694

Inverse Universe

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



4283639593



4285212458



4283644711



4280886565



4285071365



4293394443

Previews

White Background



This preview shows how the Android color 4280767313 looks on a white background.

Color Contrast Check

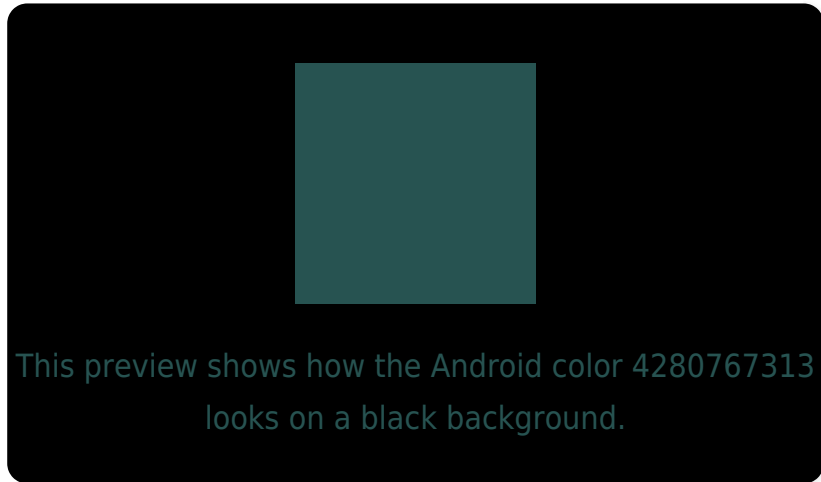
Large Text (above 18pt) WCAG AA ✓ Pass

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

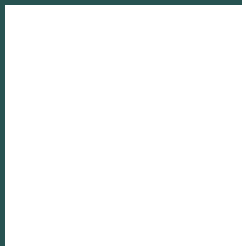
Any Text WCAG AAA × Fail

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

Android 4280767313 Background



This preview shows how black text looks on a background with the Android color 4280767313.



This preview shows how white text looks on a background with the Android color 4280767313.

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

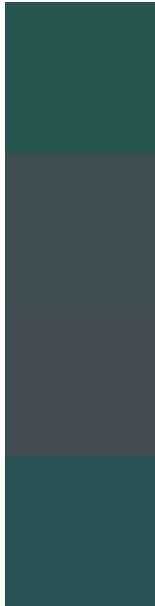


Original Color
4280767313

Protanopia
4283255628

Deuteranopia
4283451987

Trichromacy



Original Color

4280767313

Protanomaly

4282338894

Deuteranomaly

4282469714

Tritanomaly

4280898133

Monochromacy



Original Color

4280767313

Achromatopsia

4282795590

Achromatomaly

4282075978

CSS Examples

Text

The CSS property to change the color of the text to Android 4280767313 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, 83, 81)` looks like.

```
.text, #text, p{  
    color:rgb(39, 83, 81)  
}
```

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, 83, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 83, 81) }
```

Border

The CSS property to change the border of an element to Android 4280767313 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, 83, 81) }
```

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

```
.border{ border-color:rgb(39, 83, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 83, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 83, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 83, 81);  
box-shadow:4px 4px 4px 4px rgb(39, 83, 81)  
}
```

Background

The CSS property to change the background color of an element to Android 4280767313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 83, 81) }
```

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

```
.background{ background-color: rgb(39, 83,  
81) }
```

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