

Converting Colors

Android(4280768051)

Have a look what the booklet for
Android(4280768051) contains.

| | |
|--|----|
| Android(4280768051) | 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(4280768051)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 275633 |
| RGB | 39, 86, 51 |
| RGB Percent | 15%, 34%, 20% |
| CMY | 0.8471, 0.6627, 0.8000 |
| CMYK | 0.55, 0.00, 0.41, 0.66 |
| HSL | 135°, 38%, 25% |
| HSV | 135°, 55%, 34% |
| XYZ | 4.7620, 7.3259, 4.2950 |
| YIQ | 67.9570, -16.7770, -20.8490 |

Conversions

Conversions Part 2

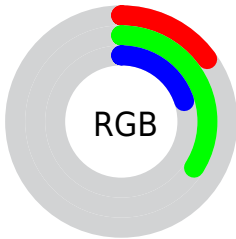
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 39, 76, 86 |
| Decimal | 2577971 |
| CIE Lab | 32.54, -24.89, 15.60 |
| CIE LCh | 33, 29.375, 147.914 |
| Yxy | 7.3259, 0.2907, 0.4472 |
| Android (android.graphics.Color) | 4280768051 (0xFF275633) |
| YUV | 67.9570, -8.3598, -25.3953 |
| Hunter-Lab | 27.0665, -15.9613, 9.5381 |

Details

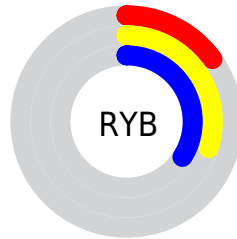
The Android color `4280768051` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4283836234`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4283992162`, and `4278200326` is the 20% darker color. If you saturate the color by 10%, you get `4280178221`, and if you desaturate by 10%, it is `4281357881`.

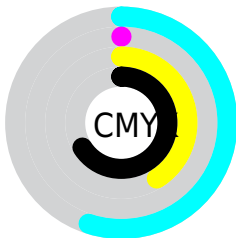
Distribution



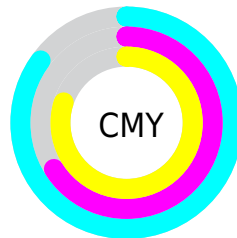
- Red (15%)
- Green (34%)
- Blue (20%)



- Red (15%)
- Yellow (30%)
- Blue (34%)



- Cyan (55%)
- Magenta (0%)
- Yellow (41%)
- Black (66%)



- Cyan (85%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280768051 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 4280768051 by changing the saturation by 10% instead.



4280768051



4280768051

4294967295



4279057949



4283992162



4278200326



4285637499



4278194176



4287413909



4278190080



4289125039



4290967243



4292804583



4294705151



4280768051



4280768051

■ 4280178221

■ 4281357881

■ 4279653926

■ 4281882176

■ 4279064096

■ 4282472006

■ 4278539801

■ 4282996301

■ 4278212118

■ 4283586131

■ 4284175961

■ 4284700256

■ 4285290086

■ 4285814381

Harmonies

Analogous

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



4282667554



4280768051



4278212682

Triad

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



4280768051



4280045435



4286004024

Complementary

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



4280768051



4283836234

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.



4285937999



4280768051



4283123573

Square

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



4280768051



4278211955



4285021797



4285350438

Rectangle

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



4280768051



4278212698



4285021797



4286069056

Sweetspot

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



4280768051



4284379235



4283061799



4281153584



4290295992



4281874488

Same Dimension

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



4280768051



4280709177



4280768074



4280757032



4278217499



4278250300

Inverse Universe

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



4283836234



4285539933



4283836211



4281018154



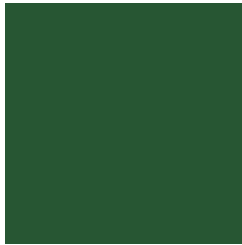
4285202512



4293591215

Previews

White Background



This preview shows how the Android color 4280768051 looks on a white background.

Color Contrast Check

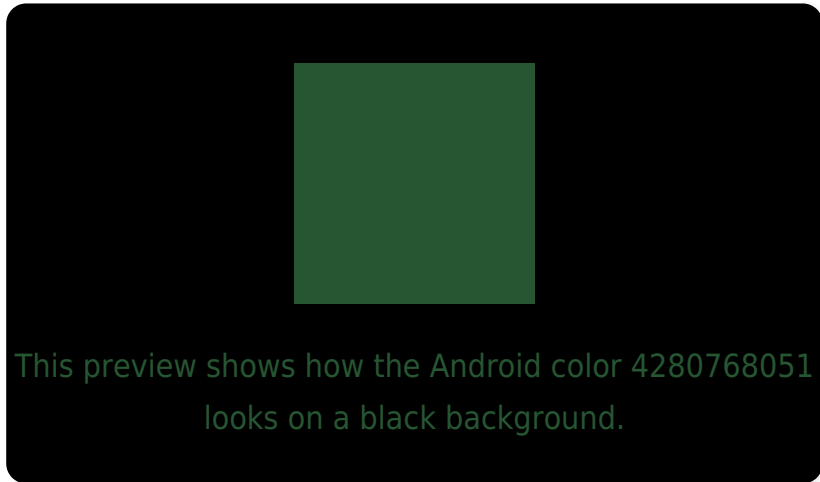
Large Text (above 18pt) WCAG AA ✓ Pass

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

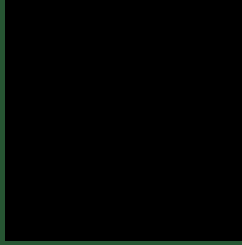
Any Text WCAG AA × Fail

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 4280768051 Background



This preview shows how black text looks on a background with the Android color 4280768051.



This preview shows how white text looks on a background with the Android color 4280768051.

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
4280768051

Protanopia
4283649071

Deuteranopia
4284172598

Trichromacy



Original Color
4280768051

Protanomaly
4282601520

Deuteranomaly
4282928693

Tritanomaly
4281160523

Monochromacy



Original Color
4280768051

Achromatopsia
4282664004

Achromatomaly
4281944894

CSS Examples

Text

The CSS property to change the color of the text to Android 4280768051 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, 86, 51)` looks like.

```
.text, #text, p{  
    color:rgb(39, 86, 51)  
}
```

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, 86, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 86, 51) }
```

Border

The CSS property to change the border of an element to Android 4280768051 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, 86, 51) }
```

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

```
.border{ border-color:rgb(39, 86, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 86, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 86, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 86, 51);  
box-shadow:4px 4px 4px 4px rgb(39, 86, 51)  
}
```

Background

The CSS property to change the background color of an element to Android 4280768051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 86, 51) }
```

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

```
.background{ background-color: rgb(39, 86,  
51) }
```

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