

Converting Colors

Android(4280248351)

Have a look what the booklet for
Android(4280248351) contains.

Android(4280248351)	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(4280248351)

Conversions

Conversions Part 1

Format	Color
Hex	1F681F
RGB	31, 104, 31
RGB Percent	12%, 41%, 12%
CMY	0.8784, 0.5922, 0.8784
CMYK	0.70, 0.00, 0.70, 0.59
HSL	120°, 54%, 26%
HSV	120°, 70%, 41%
XYZ	5.7627, 10.2909, 2.9789
YIQ	73.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

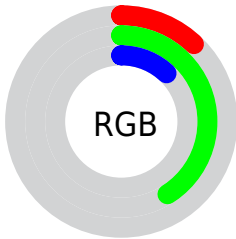
Format	Color
R_{YB}	31, 104, 104
Decimal	2058271
CIE _{Lab}	38.36, -37.88, 33.46
CIE _{LCh}	38, 50.542, 138.548
Yxy	10.2909, 0.3028, 0.5407
Android (android.graphics.Color)	4280248351 (0xFF1F681F)
YUV	73.8510, -21.1255, -37.5803
Hunter-Lab	32.0794, -24.0733, 16.9498

Details

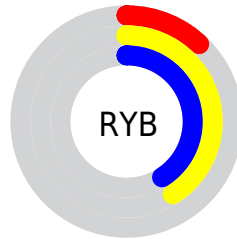
The Android color `4280248351` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4285013864`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4283866191`, and `4278204416` is the 20% darker color. If you saturate the color by 10%, you get `4279592981`, and if you desaturate by 10%, it is `4280903721`.

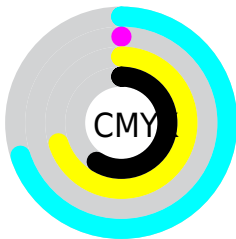
Distribution



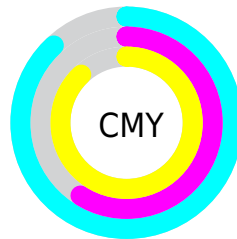
- Red (12%)
- Green (41%)
- Blue (12%)



- Red (12%)
- Yellow (41%)
- Blue (41%)



- Cyan (70%)
- Magenta (0%)
- Yellow (70%)
- Black (59%)



- Cyan (88%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280248351 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 4280248351 by changing the saturation by 10% instead.



4280248351



4280248351

4294967295



4278210309



4283866191



4278204416



4285642600



4278199296



4287419266



4278190080



4289261724



4291100599



4293001171



4294901744



4280248351



4280248351

■ 4279592981

■ 4280903721

■ 4278872074

■ 4281624628

■ 4278216704

■ 4282279998

■ 4283000905

■ 4283656275

■ 4284311645

■ 4285032552

■ 4285687922

■ 4286408829

Harmonies

Analogous

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



4283785216



4280248351



4278217801

Triad

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



4280248351



4278215851



4288884803

Complementary

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



4280248351



4285013864

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.



4288360812



4280248351



4281685673

Square

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



4280248351



4278217623



4286268305



4288037149

Rectangle

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



4280248351



4278218085



4286268305



4288884304

Sweetspot

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



4280248351



4285237099



4285032479



4281615668



4291085508



4282729797

Same Dimension

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



4280248351



4279666454



4280248387



4281217838



4278219520



4278252032

Inverse Universe

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



4285013864



4287043207



4285013827



4281544243



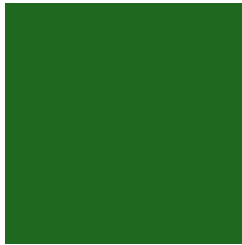
4285726835



4294050034

Previews

White Background



This preview shows how the Android color 4280248351 looks on a white background.

Color Contrast Check

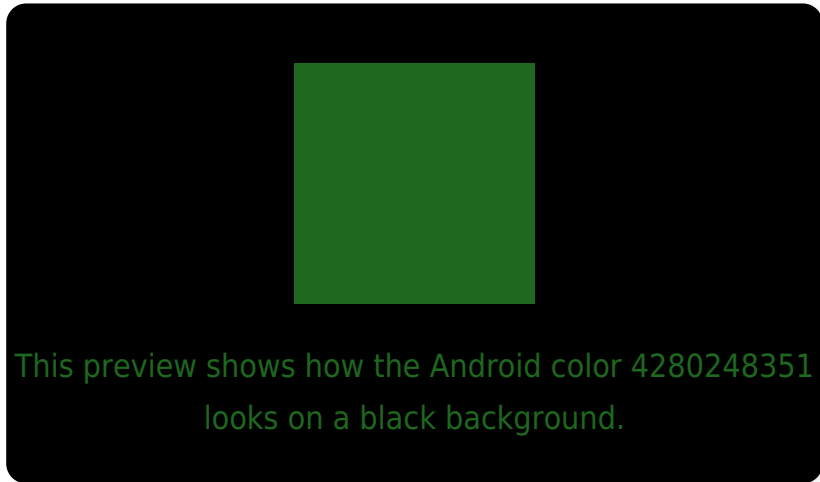
Large Text (above 18pt) WCAG AA ✓ Pass

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

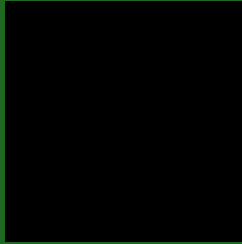
Any Text WCAG AA × Fail

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 4280248351 Background



This preview shows how black text looks on a background with the Android color 4280248351.



This preview shows how white text looks on a background with the Android color 4280248351.

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

4280248351

Protanopia

4284832283

Deuteranopia

4285552166

Trichromacy



Original Color
4280248351

Protanomaly
4283195164

Deuteranomaly
4283653411

Tritanomaly
4281099342

Monochromacy



Original Color
4280248351

Achromatopsia
4283058762

Achromatomaly
4282012986

CSS Examples

Text

The CSS property to change the color of the text to Android 4280248351 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(31, 104, 31)` looks like.

```
.text, #text, p{  
    color:rgb(31, 104, 31)  
}
```

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(31, 104, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 104, 31) }
```

Border

The CSS property to change the border of an element to Android 4280248351 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(31, 104, 31) }
```

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

```
.border{ border-color:rgb(31, 104, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 104, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 104, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 104, 31);  
box-shadow:4px 4px 4px 4px rgb(31, 104,  
31) }
```

Background

The CSS property to change the background color of an element to Android 4280248351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 104, 31) }
```

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

```
.background{ background-color: rgb(31, 104,  
31) }
```

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