

Converting Colors

Android(4280844839)

Have a look what the booklet for
Android(4280844839) contains.

Android(4280844839)	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(4280844839)

Conversions

Conversions Part 1

Format	Color
Hex	288227
RGB	40, 130, 39
RGB Percent	16%, 51%, 15%
CMY	0.8431, 0.4902, 0.8471
CMYK	0.69, 0.00, 0.70, 0.49
HSL	119°, 54%, 33%
HSV	119°, 70%, 51%
XYZ	9.2239, 16.5629, 4.6303
YIQ	92.7160, -24.4290, -47.3810

Conversions

Conversions Part 2

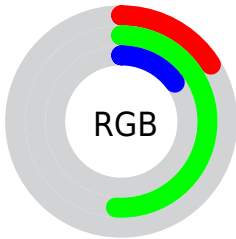
Format	Color
R _Y B	39, 130, 129
Decimal	2654759
CIE Lab	47.70, -44.82, 40.03
CIE LCh	48, 60.089, 138.232
Yxy	16.5629, 0.3032, 0.5445
Android (android.graphics.Color)	4280844839 (0xFF288227)
YUV	92.7160, -26.4820, -46.2319
Hunter-Lab	40.6975, -30.7644, 21.7427

Details

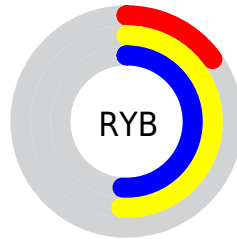
The Android color `4280844839` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4286654338`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4284659801`, and `4278210304` is the 20% darker color. If you saturate the color by 10%, you get `4279992858`, and if you desaturate by 10%, it is `4281696820`.

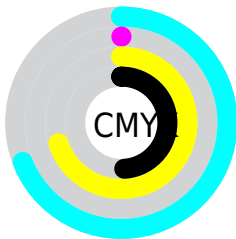
Distribution



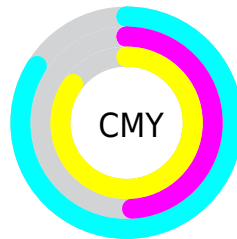
- Red (16%)
- Green (51%)
- Blue (15%)



- Red (15%)
- Yellow (51%)
- Blue (51%)



- Cyan (69%)
- Magenta (0%)
- Yellow (70%)
- Black (49%)



- Cyan (84%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280844839 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 4280844839 by changing the saturation by 10% instead.



4280844839



4280844839

4294967295



4278216715



4284659801



4278210304



4286502003



4278204160



4288344461



4278198784



4290183080



4278190080



4292083652



4294049760



4294967293



4280844839



4280844839

■ 4279992858

■ 4281696820

■ 4279140877

■ 4282548801

■ 4278288896

■ 4283400782

■ 4284187227

■ 4285039208

■ 4285891189

■ 4286743170

■ 4287595151

■ 4288447132

Harmonies

Analogous

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



4285233152



4280844839



4278224731

Triad

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



4280844839



4278222293



4291444053

Complementary

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



4280844839



4286654338

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.



4290854535



4280844839



4282477778

Square

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



4280844839



4278224572



4288238773



4290466086

Rectangle

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



4280844839



4278225022



4288238773



4291443301

Sweetspot

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



4280844839



4286949509



4286742567



4282340415



4292138196



4283716692

Same Dimension

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



4280844839



4280068123



4280779347



4281942073



4278288384



4278190080

Inverse Universe

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



4286654338



4289141672



4286719830



4282399040



4286447744



4278190080

Previews

White Background



This preview shows how the Android color 4280844839 looks on a white background.

Color Contrast Check

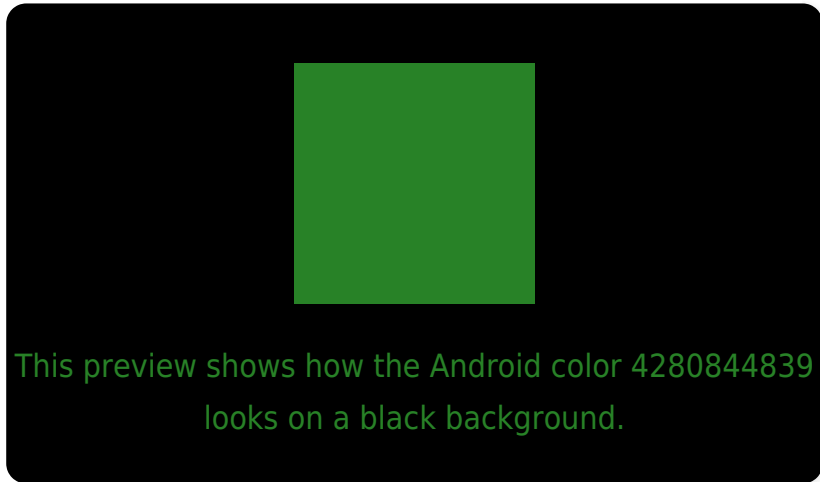
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280844839 Background



This preview shows how black text looks on a background with the Android color 4280844839.



This preview shows how white text looks on a background with the Android color 4280844839.

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

4280844839

Protanopia

4286476578

Deuteranopia

4287392559

Trichromacy



Original Color
4280844839

Protanomaly
4284446500

Deuteranomaly
4285035308

Tritanomaly
4281891938

Monochromacy



Original Color
4280844839

Achromatopsia
4284308829

Achromatomaly
4283066953

CSS Examples

Text

The CSS property to change the color of the text to Android 4280844839 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(40, 130, 39)` looks like.

```
.text, #text, p{  
    color:rgb(40, 130, 39)  
}
```

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(40, 130, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 130, 39) }
```

Border

The CSS property to change the border of an element to Android 4280844839 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(40, 130, 39) }
```

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

```
.border{ border-color:rgb(40, 130, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 130, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 130, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 130, 39);  
box-shadow:4px 4px 4px 4px rgb(40, 130,  
39) }
```

Background

The CSS property to change the background color of an element to Android 4280844839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 130, 39) }
```

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

```
.background{ background-color: rgb(40, 130,  
39) }
```

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