

Converting Colors

Android(4280986147)

Have a look what the booklet for
Android(4280986147) contains.

Android(4280986147)	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(4280986147)

Conversions

Conversions Part 1

Format	Color
Hex	2AAA23
RGB	42, 170, 35
RGB Percent	16%, 67%, 14%
CMY	0.8353, 0.3333, 0.8627
CMYK	0.75, 0.00, 0.79, 0.33
HSL	117°, 66%, 40%
HSV	117°, 79%, 67%
XYZ	15.6329, 29.3630, 6.4338
YIQ	116.3380, -32.9530, -69.1210

Conversions

Conversions Part 2

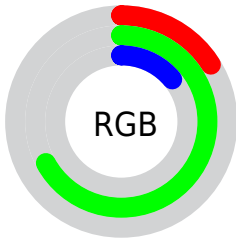
Format	Color
RYB	35, 170, 163
Decimal	2796067
CIELab	61.10, -58.38, 55.03
CIELCh	61, 80.231, 136.691
Yxy	29.3630, 0.3040, 0.5709
Android (android.graphics.Color)	4280986147 (0xFF2AAA23)
YUV	116.3380, -40.0996, -65.1944
Hunter-Lab	54.1877, -43.3318, 30.8918

Details

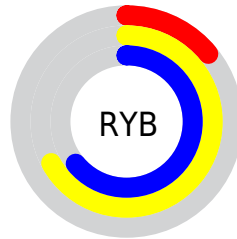
The Android color `4280986147` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4288881578`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4285391451`, and `4278219776` is the 20% darker color. If you saturate the color by 10%, you get `4279937554`, and if you desaturate by 10%, it is `4282034740`.

Distribution



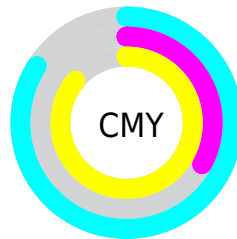
- Red (16%)
- Green (67%)
- Blue (14%)



- Red (14%)
- Yellow (67%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (79%)
- Black (33%)



- Cyan (84%)
- Magenta (33%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280986147 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 4280986147 by changing the saturation by 10% instead.



4280986147



4280986147

4294967295



4278226688



4285391451



4278219776



4287364982



4278213120



4289331089



4278206720



4291231661



4278201088



4293197769



4278192128



4294967270



4278190080



4280986147



4280986147



4279937554



4282034740

■ 4278888961

■ 4283083333

■ 4278823424

■ 4284131926

■ 4285180519

■ 4286294648

■ 4287343241

■ 4288391834

■ 4289440427

■ 4290489020

Harmonies

Analogous

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



4287470592



4280986147



4278235504

Triad

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



4280986147



4278232575



4294918511

Complementary

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



4280986147



4288881578

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.



4294919862



4280986147



4281306879

Square

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



4280986147



4278235386



4291194102



4294599467

Rectangle

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



4280986147



4278236066



4291194102



4294917511

Sweetspot

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



4280986147



4289453737



4289372451



4283527248



4293980400



4285558896

Same Dimension

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



4280986147



4279688715



4280527454



4283192396



4278752256



4278260736

Inverse Universe

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



4288881578



4292021214



4289340271



4283714644



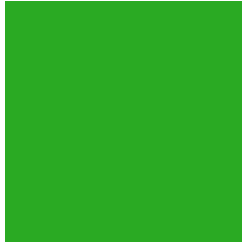
4287365268



4279435284

Previews

White Background



This preview shows how the Android color 4280986147 looks on a white background.

Color Contrast Check

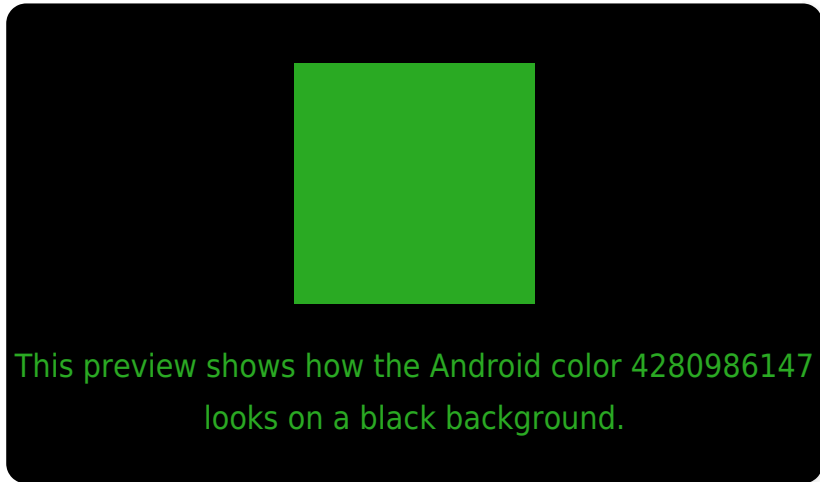
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4280986147 Background



This preview shows how black text looks on a background with the Android color 4280986147.



This preview shows how white text looks on a background with the Android color 4280986147.

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
4280986147

Protanopia
4289041181

Deuteranopia
4290218801

Trichromacy



Original Color

4280986147



Protanomaly

4286094111



Deuteranomaly

4286879276



Tritanomaly

4282557050

Monochromacy



Original Color

4280986147



Achromatopsia

4285822068



Achromatomaly

4284057687

CSS Examples

Text

The CSS property to change the color of the text to Android 4280986147 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(42, 170, 35)` looks like.

```
.text, #text, p{  
    color:rgb(42, 170, 35)  
}
```

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(42, 170, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 170, 35) }
```

Border

The CSS property to change the border of an element to Android 4280986147 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(42, 170, 35) }
```

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

```
.border{ border-color:rgb(42, 170, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 170, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 170, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 170, 35);  
box-shadow:4px 4px 4px 4px rgb(42, 170,  
35) }
```

Background

The CSS property to change the background color of an element to Android 4280986147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 170, 35) }
```

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

```
.background{ background-color: rgb(42, 170,  
35) }
```

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