

Converting Colors

Android(4280986880)

Have a look what the booklet for
Android(4280986880) contains.

Android(4280986880)	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(4280986880)

Conversions

Conversions Part 1

Format	Color
Hex	2AAD00
RGB	42, 173, 0
RGB Percent	16%, 68%, 0%
CMY	0.8353, 0.3216, 1.0000
CMYK	0.76, 0.00, 1.00, 0.32
HSL	105°, 100%, 34%
HSV	105°, 100%, 68%
XYZ	15.8984, 30.3794, 5.0259
YIQ	114.1090, -22.5430, -81.5750

Conversions

Conversions Part 2

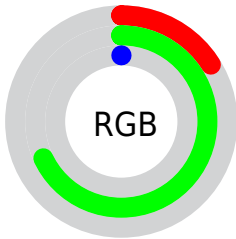
Format	Color
RYB	0, 173, 131
Decimal	2796800
CIELab	61.98, -60.63, 62.71
CIELCh	62, 87.224, 134.036
Yxy	30.3794, 0.3099, 0.5921
Android (android.graphics.Color)	4280986880 (0xFF2AAD00)
YUV	114.1090, -56.2557, -63.2396
Hunter-Lab	55.1175, -44.9680, 33.1759

Details

The Android color **4280986880** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **4286775469**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4285523531**, and **4278220544** is the 20% darker color. If you saturate the color by 10%, you get **4280986880**, and if you desaturate by 10%, it is **4281838865**.

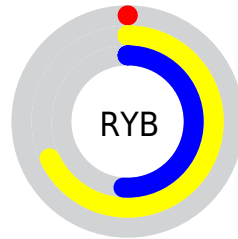
Distribution



Red (16%)

Green (68%)

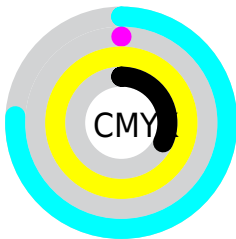
Blue (0%)



Red (0%)

Yellow (68%)

Blue (51%)

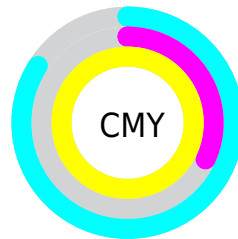


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (84%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280986880 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 4280986880 by changing the saturation by 10% instead.

 4280986880

 4280986880

4294967295

 4278227456

 4285523531

 4278220544

 4287496039

 4278213888

 4289462146

 4278207488

 4291428254

 4278201600

 4293394363

 4278193408

 4294967255

 4278190080

 4294967285

 4280986880

 4281838865

 4282690851

 4283542836

 4284394821

 4285312343

 4286164328

 4287016313

 4287868298

 4288720284

Harmonies

Analogous

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



4287929856



4280986880



4278236264

Triad

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



4280986880



4278233855



4294914165

Complementary

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



4280986880



4286775469

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.



4294917570



4280986880



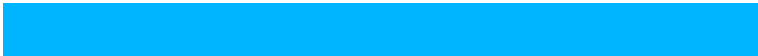
4278227967

Square

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



4280986880



4278236671



4291063295



4294925098

Rectangle

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



4280986880



4278237087



4291063295



4294912911

Sweetspot

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



4280986880



4289585309



4289561088



4283592776



4293980400



4285558896

Same Dimension

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



4280986880



4281786368



4278234411



4283455310



4280653312



4278589184

Inverse Universe

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



4286775469



4289331424



4289527938



4283780695



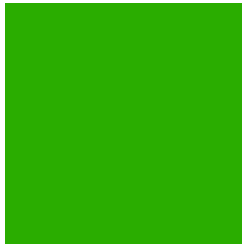
4285661334



4279304215

Previews

White Background



This preview shows how the Android color 4280986880 looks on a white background.

Color Contrast Check

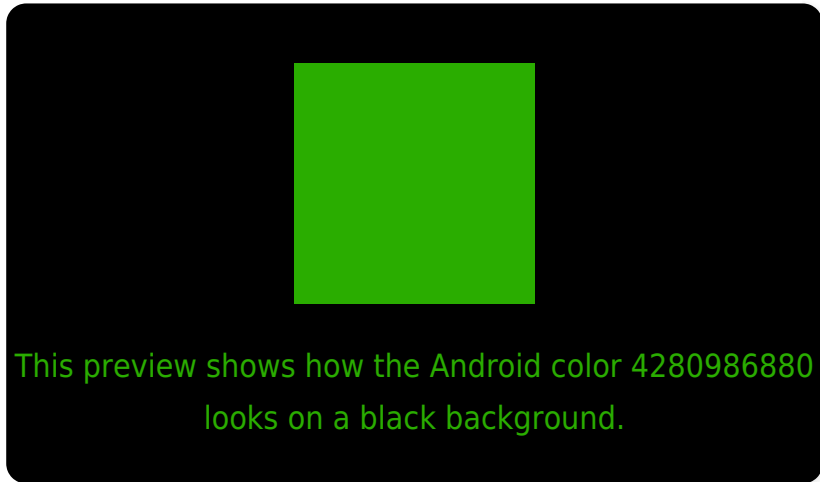
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

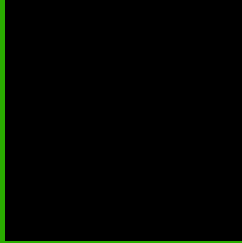
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Android 4280986880 Background



This preview shows how black text looks on a background with the Android color 4280986880.



This preview shows how white text looks on a background with the Android color 4280986880.

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
4280986880

Protanopia
4289238272

Deuteranopia
4290481445

Trichromacy



Original Color

4280986880



Protanomaly

4286225920



Deuteranomaly

4287011096



Tritanomaly

4282623343

Monochromacy



Original Color

4280986880



Achromatopsia

4285690482



Achromatomaly

4283991881

CSS Examples

Text

The CSS property to change the color of the text to Android 4280986880 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, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(42, 173, 0)  
}
```

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, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 173, 0) }
```

Border

The CSS property to change the border of an element to Android 4280986880 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, 173, 0) }
```

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

```
.border{ border-color:rgb(42, 173, 0) }
```

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

Here you see how a box with a 4 pixel rgb(42, 173, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(42, 173, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280986880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 173, 0) }
```

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

```
.background{ background-color: rgb(42, 173,  
0) }
```

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