

Converting Colors

Android(4280848896)

Have a look what the booklet for
Android(4280848896) contains.

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Color

Android(4280848896)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 289200 |
| RGB | 40, 146, 0 |
| RGB Percent | 16%, 57%, 0% |
| CMY | 0.8431, 0.4275, 1.0000 |
| CMYK | 0.73, 0.00, 1.00, 0.43 |
| HSL | 104°, 100%, 29% |
| HSV | 104°, 100%, 57% |
| XYZ | 11.1540, 21.0089, 3.4672 |
| YIQ | 97.6620, -16.3100, -67.8780 |

Conversions

Conversions Part 2

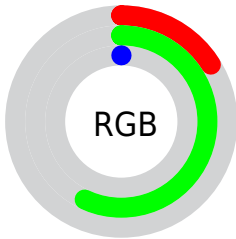
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 146, 106 |
| Decimal | 2658816 |
| CIELab | 52.96, -52.44, 55.50 |
| CIElCh | 53, 76.361, 133.377 |
| Yxy | 21.0089, 0.3130, 0.5896 |
| Android (android.graphics.Color) | 4280848896 (0xFF289200) |
| YUV | 97.6620, -48.1474, -50.5696 |
| Hunter-Lab | 45.8355, -36.7745, 27.5998 |

Details

The Android color `4280848896` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4285137042`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4284991812`, and `4278214144` is the 20% darker color. If you saturate the color by 10%, you get `4280848896`, and if you desaturate by 10%, it is `4281569807`.

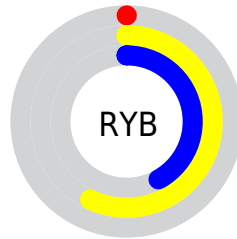
Distribution



Red (16%)

Green (57%)

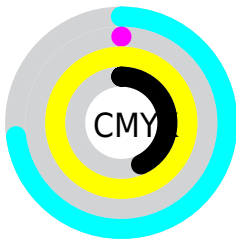
Blue (0%)



Red (0%)

Yellow (57%)

Blue (42%)

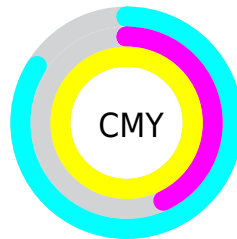


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (84%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280848896 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 4280848896 by changing the saturation by 10% instead.



4280848896



4280848896

4294967295



4278220800



4284991812



4278214144



4286899807



4278207744



4288806778



4278202112



4290772886



4278194688



4292673457



4278190080




4294639566



4294967275



4280848896

 4281569807

 4282225181

 4282946092

 4283601466

 4284322377

 4285043288

 4285698662

 4286419573

 4287074947

Harmonies

Analogous

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



4286481664



4280848896



4278229334

Triad

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



4280848896



4278227197



4293929316

Complementary

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



4280848896



4285137042

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.



4292818342



4280848896



4278222335

Square

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



4280848896



4278229464



4288962015



4292824100

Rectangle

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



4280848896



4278229636



4288962015



4293797242

Sweetspot

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



4280848896



4287937924



4287785216



4282801724



4292796126



4284374622

Same Dimension

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



4280848896



4281646336



4278227488



4282731075



4280715776



4278389248

Inverse Universe

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



4285137042



4287168701



4287758450



4282925898



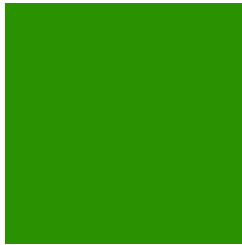
4284743818



4278648842

Previews

White Background



This preview shows how the Android color 4280848896 looks on a white background.

Color Contrast Check

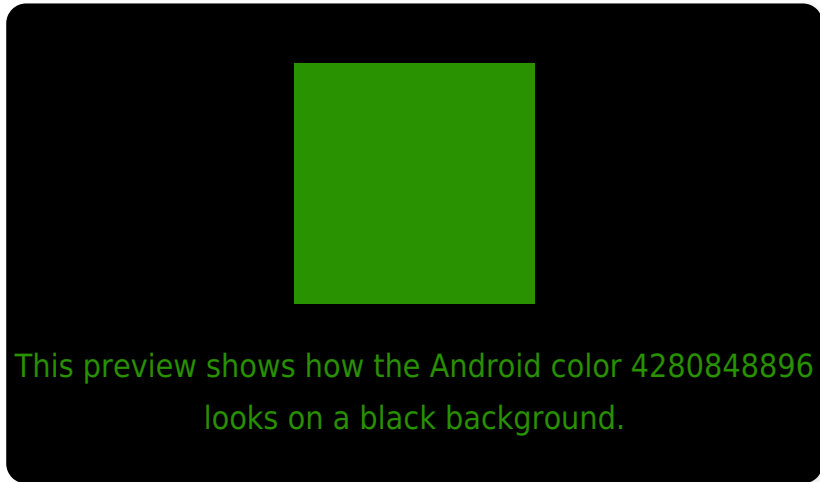
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280848896 Background



This preview shows how black text looks on a background with the Android color 4280848896.



This preview shows how white text looks on a background with the Android color 4280848896.

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

4280848896

Protanopia

4287528448

Deuteranopia

4288575263

Trichromacy



Original Color

4280848896



Protanomaly

4285105408



Deuteranomaly

4285759764



Tritanomaly

4282158174

Monochromacy



Original Color

4280848896



Achromatopsia

4284637794



Achromatomaly

4283265854

CSS Examples

Text

The CSS property to change the color of the text to Android 4280848896 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, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(40, 146, 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(40, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 146, 0) }
```

Border

The CSS property to change the border of an element to Android 4280848896 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, 146, 0) }
```

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

```
.border{ border-color:rgb(40, 146, 0) }
```

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

Here you see how a box with a 4 pixel rgb(40, 146, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(40, 146, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280848896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 146, 0) }
```

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

```
.background{ background-color: rgb(40, 146,  
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](#).

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