

Converting Colors

Android(4288199936)

Have a look what the booklet for
Android(4288199936) contains.

Android(4288199936)	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(4288199936)

Conversions

Conversions Part 1

Format	Color
Hex	98BD00
RGB	152, 189, 0
RGB Percent	60%, 74%, 0%
CMY	0.4039, 0.2588, 1.0000
CMYK	0.20, 0.00, 1.00, 0.26
HSL	72°, 100%, 37%
HSV	72°, 100%, 74%
XYZ	31.1465, 43.0706, 6.6719
YIQ	156.3910, 38.6170, -66.6230

Conversions

Conversions Part 2

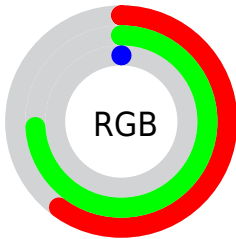
Format	Color
RYB	0, 189, 37
Decimal	10009856
CIELab	71.60, -32.88, 72.19
CIELCh	72, 79.328, 114.490
Yxy	43.0706, 0.3851, 0.5325
Android (android.graphics.Color)	4288199936 (0xFF98BD00)
YUV	156.3910, -77.1008, -3.8509
Hunter-Lab	65.6282, -30.1350, 39.9122

Details

The Android color **4288199936** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **4280615101**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4292015440**, and **4284450816** is the 20% darker color. If you saturate the color by 10%, you get **4288199936**, and if you desaturate by 10%, it is **4288462099**.

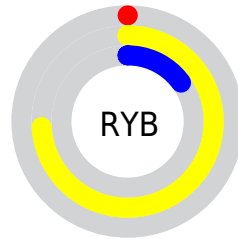
Distribution



Red (60%)

Green (74%)

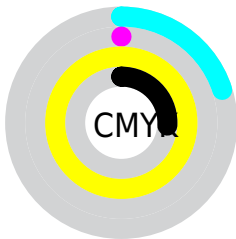
Blue (0%)



Red (0%)

Yellow (74%)

Blue (15%)

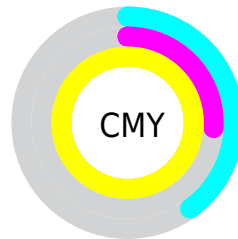


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (40%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288199936 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 4288199936 by changing the saturation by 10% instead.



4288199936



4288199936

4294967295



4286358016



4292015440



4284450816



4293984109



4282674688



4294967177



4280702464



4294967206



4278402560



4294967235



4278200320



4294967264



4278192896

4294967294



4278190080



4288199936

 4288462099

 4288658726

 4288920889

 4289183052

 4289445215

 4289641841

 4289904004

 4290166167

 4290362794

Harmonies

Analogous

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



4292716288



4288199936



4280404565

Triad

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



4288199936



4278242303



4294927808

Complementary

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



4288199936



4280615101

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.



4294541567



4288199936



4278238463

Square

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



4288199936



4278243562



4287800063



4294929272

Rectangle

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



4288199936



4278242950



4287800063



4294929368

Sweetspot

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



4288199936



4293326251



4290585344



4285692494



4294638330



4286216826

Same Dimension

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



4288199936



4291163392



4282170624



4284309077



4286553600



4279836416

Inverse Universe

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



4280615101



4281336053



4286644413



4283913566



4280221854



4278583327

Previews

White Background



This preview shows how the Android color 4288199936 looks on a white background.

Color Contrast Check

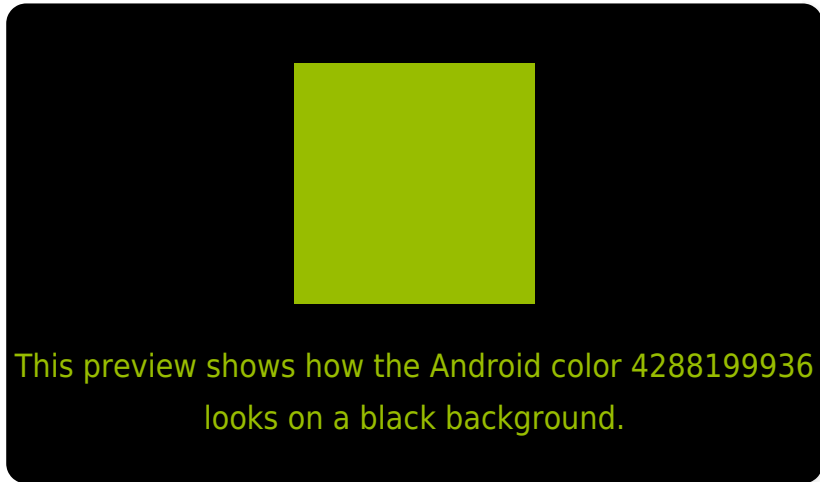
Large Text (above 18pt) WCAG AA × Fail

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 4288199936 Background



This preview shows how black text looks on a background with the Android color 4288199936.



This preview shows how white text looks on a background with the Android color 4288199936.

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
4288199936

Protanopia
4291145472

Deuteranopia
4292716066

Trichromacy



Original Color
4288199936

Protanomaly
4290098176

Deuteranomaly
4291079702

Tritanomaly
4288853369

Monochromacy



Original Color
4288199936

Achromatopsia
4288453788

Achromatomaly
4288391267

CSS Examples

Text

The CSS property to change the color of the text to Android 4288199936 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(152, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(152, 189, 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(152, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 189, 0) }
```

Border

The CSS property to change the border of an element to Android 4288199936 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(152, 189, 0) }
```

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

```
.border{ border-color:rgb(152, 189, 0) }
```

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

Here you see how a box with a 4 pixel rgb(152, 189, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(152, 189,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4288199936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 189, 0) }
```

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

```
.background{ background-color: rgb(152,  
189, 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