

Converting Colors

Android(4289112936)

Have a look what the booklet for
Android(4289112936) contains.

Android(4289112936)	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(4289112936)

Conversions

Conversions Part 1

Format	Color
Hex	A6AB68
RGB	166, 171, 104
RGB Percent	65%, 67%, 41%
CMY	0.3490, 0.3294, 0.5922
CMYK	0.03, 0.00, 0.39, 0.33
HSL	64°, 29%, 54%
HSV	64°, 39%, 67%
XYZ	32.7875, 38.2323, 18.7482
YIQ	161.8670, 18.5270, -21.8970

Conversions

Conversions Part 2

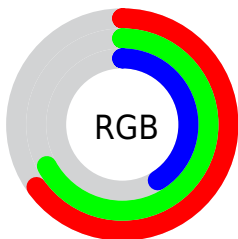
Format	Color
RYB	104, 171, 109
Decimal	10922856
CIELab	68.19, -12.23, 33.89
CIELCh	68, 36.030, 109.840
Yxy	38.2323, 0.3652, 0.4259
Android (android.graphics.Color)	4289112936 (0xFFA6AB68)
YUV	161.8670, -28.5284, 3.6246
Hunter-Lab	61.8323, -13.5542, 25.3052

Details

The Android color `4289112936` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `4285360299`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4292797084`, and `4285626167` is the 20% darker color. If you saturate the color by 10%, you get `4289047383`, and if you desaturate by 10%, it is `4289178489`.

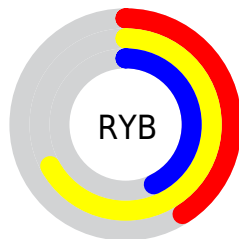
Distribution



Red (65%)

Green (67%)

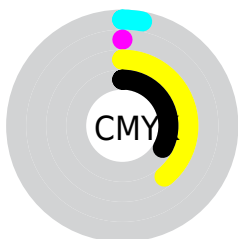
Blue (41%)



Red (41%)

Yellow (67%)

Blue (43%)

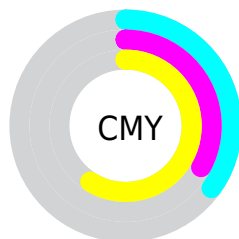


Cyan (3%)

Magenta (0%)

Yellow (39%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289112936 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 4289112936 by changing the saturation by 10% instead.



4289112936



4289112936

4294967295



4287336783



4292797084



4285626167



4294705079



4283915808



4294967251



4282337031



4294967280



4280823808



4279114752



4278190080



4289112936



4289112936



4289047383



4289178489

■ 4288916294

■ 4289309578

■ 4288850741

■ 4289375131

■ 4288785188

■ 4289440684

■ 4288719634

■ 4289506237

■ 4288588545

■ 4289637327

■ 4288588544

■ 4289702880

■ 4289768433

■ 4289833983

Harmonies

Analogous

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



4291207270



4289112936



4286690171

Triad

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



4289112936



4281316567



4292775603

Complementary

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



4289112936



4285360299

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.



4291073744



4289112936



4284853734

Square

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



4289112936



4281120955



4288324323



4293299858

Rectangle

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



4289112936



4284921487



4288324323



4292382909

Sweetspot

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



4289112936



4292665027



4289424488



4285493344



4293980400



4285558896

Same Dimension

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



4289112936



4292271734



4286950248



4283848526



4287337984



4279572224

Inverse Universe

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



4285360299



4286412510



4287522987



4283387479



4278911126



4278321175

Previews

White Background



This preview shows how the Android color 4289112936 looks on a white background.

Color Contrast Check

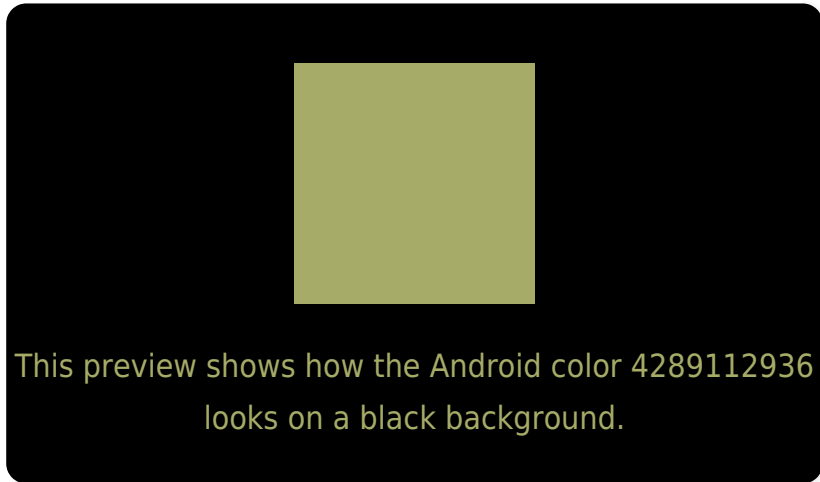
Large Text (above 18pt) WCAG AA × Fail

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 4289112936 Background



This preview shows how black text looks on a background with the Android color 4289112936.



This preview shows how white text looks on a background with the Android color 4289112936.

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
4289112936

Protanopia
4290094694

Deuteranopia
4291338091



Tritanopia
4289634991

Trichromacy



Original Color
4289112936

Protanomaly
4289767527

Deuteranomaly
4290552682

Tritanomaly
4289439125

Monochromacy



Original Color
4289112936

Achromatopsia
4288848546

Achromatomaly
4288914829

CSS Examples

Text

The CSS property to change the color of the text to Android 4289112936 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(166, 171, 104)` looks like.

```
.text, #text, p{  
    color:rgb(166, 171, 104)  
}
```

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(166, 171, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 171, 104) }
```

Border

The CSS property to change the border of an element to Android 4289112936 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(166, 171, 104) }
```

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

```
.border{ border-color:rgb(166, 171, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 171, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 171, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 171, 104);  
box-shadow:4px 4px 4px 4px rgb(166, 171,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4289112936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 171, 104) }
```

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

```
.background{ background-color: rgb(166,  
171, 104) }
```

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