

Converting Colors

Android(4288400486)

Have a look what the booklet for
Android(4288400486) contains.

Android(4288400486)	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(4288400486)

Conversions

Conversions Part 1

Format	Color
Hex	9BCC66
RGB	155, 204, 102
RGB Percent	61%, 80%, 40%
CMY	0.3922, 0.2000, 0.6000
CMYK	0.24, 0.00, 0.50, 0.20
HSL	89°, 50%, 60%
HSV	89°, 50%, 80%
XYZ	37.5087, 51.1136, 20.4594
YIQ	177.7210, 3.5380, -42.1100

Conversions

Conversions Part 2

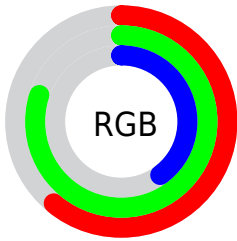
Format	Color
RYB	102, 204, 151
Decimal	10210406
CIELab	76.75, -33.03, 45.36
CIELCh	77, 56.107, 126.060
Yxy	51.1136, 0.3439, 0.4686
Android (android.graphics.Color)	4288400486 (0xFF9BCC66)
YUV	177.7210, -37.3305, -19.9263
Hunter-Lab	71.4938, -31.4653, 33.0786

Details

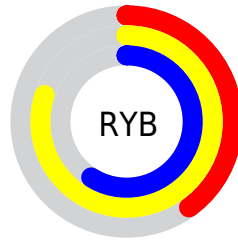
The Android color `4288400486` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4288112332`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4292083611`, and `4284847667` is the 20% darker color. If you saturate the color by 10%, you get `4287745106`, and if you desaturate by 10%, it is `4289055866`.

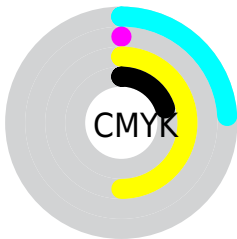
Distribution



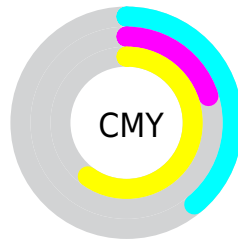
- Red (61%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (59%)



- Cyan (24%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)



- Cyan (39%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288400486 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 4288400486 by changing the saturation by 10% instead.



4288400486



4288400486

4294967295



4286623820



4292083611



4284847667



4293984183



4283136792



4294967251



4281360896



4294967280



4279650816



4278203136



4278198016



4278190080



4288400486



4288400486

■ 4287745106

■ 4289055866

■ 4287089725

■ 4289711247

■ 4286499881

■ 4290301091

■ 4285844500

■ 4290956472

■ 4285189120

■ 4291611852

■ 4292267232

■ 4292922613

■ 4293512447

■ 4294167807

Harmonies

Analogous

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



4292001362



4288400486



4283552913

Triad

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



4288400486



4278243071



4294939061

Complementary

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



4288400486



4288112332

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.



4294941161



4288400486



4285906943

Square

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



4288400486



4278245113



4291800319



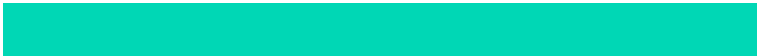
4294941059

Rectangle

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



4288400486



4278245301



4291800319



4294939334

Sweetspot

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



4288400486



4293787609



4291597926



4285825129



4278190080



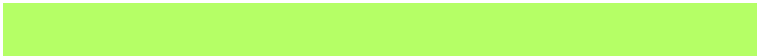
4286611584

Same Dimension

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



4288400486



4290117478



4285123686



4284573276



4283868672



4279510528

Inverse Universe

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



4288112332



4289750783



4291389132



4284570726



4283433126



4279369766

Previews

White Background



This preview shows how the Android color 4288400486 looks on a white background.

Color Contrast Check

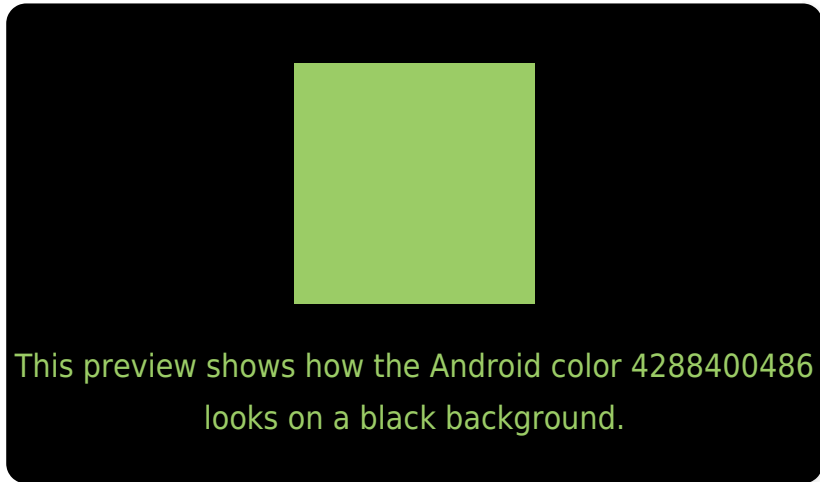
Large Text (above 18pt) WCAG AA × Fail

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 4288400486 Background



This preview shows how black text looks on a background with the Android color 4288400486.



This preview shows how white text looks on a background with the Android color 4288400486.

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



Trichromacy



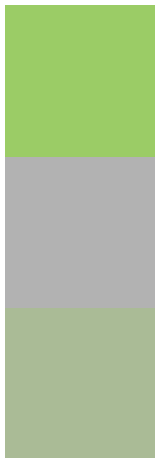
Original Color
4288400486

Protanomaly
4290626147

Deuteranomaly
4291542378

Tritanomaly
4289053865

Monochromacy



Original Color
4288400486

Achromatopsia
4289901234

Achromatomaly
4289379222

CSS Examples

Text

The CSS property to change the color of the text to Android 4288400486 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(155, 204, 102)` looks like.

```
.text, #text, p{  
    color:rgb(155, 204, 102)  
}
```

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(155, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 204, 102) }
```

Border

The CSS property to change the border of an element to Android 4288400486 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(155, 204, 102) }
```

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

```
.border{ border-color:rgb(155, 204, 102) }
```

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

Here you see how a box with a 4 pixel rgb(155, 204, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(155, 204,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4288400486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 204, 102) }
```

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

```
.background{ background-color: rgb(155,  
204, 102) }
```

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