

Converting Colors

Android(4288663142)

Have a look what the booklet for
Android(4288663142) contains.

Android(4288663142)	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(4288663142)

Conversions

Conversions Part 1

Format	Color
Hex	9FCE66
RGB	159, 206, 102
RGB Percent	62%, 81%, 40%
CMY	0.3765, 0.1922, 0.6000
CMYK	0.23, 0.00, 0.50, 0.19
HSL	87°, 51%, 60%
HSV	87°, 50%, 81%
XYZ	38.7677, 52.4729, 20.6554
YIQ	180.0910, 5.3720, -42.3080

Conversions

Conversions Part 2

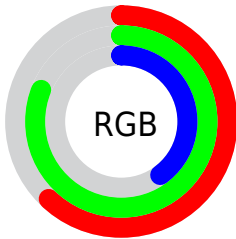
Format	Color
RYB	102, 206, 149
Decimal	10473062
CIELab	77.56, -32.48, 46.40
CIELCh	78, 56.637, 124.995
Yxy	52.4729, 0.3465, 0.4689
Android (android.graphics.Color)	4288663142 (0xFF9FCE66)
YUV	180.0910, -38.4989, -18.4968
Hunter-Lab	72.4381, -31.2366, 33.8005

Details

The Android color `4288663142` is a light color, and the websafe version is hex `99CC66`. A complement of this color would be `4287981262`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4292411291`, and `4285110067` is the 20% darker color. If you saturate the color by 10%, you get `4288073297`, and if you desaturate by 10%, it is `4289252987`.

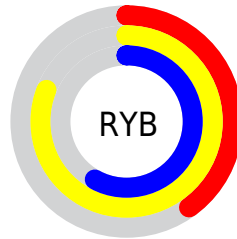
Distribution



Red (62%)

Green (81%)

Blue (40%)



Red (40%)

Yellow (81%)

Blue (58%)

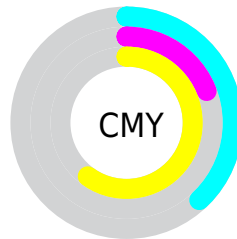


Cyan (23%)

Magenta (0%)

Yellow (50%)

Black (19%)



Cyan (38%)

Magenta (19%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288663142 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 4288663142 by changing the saturation by 10% instead.



4288663142



4288663142

4294967295



4286886476



4292411291



4285110067



4294311863



4283333911



4294967251



4281623552



4294967280



4279913472



4278203648



4278198784



4278190080



4288663142



4288663142

■ 4288073297

■ 4289252987

■ 4287417917

■ 4289908367

■ 4286828072

■ 4290498212

■ 4286238228

■ 4291088056

■ 4285648384

■ 4291743437

■ 4292333282

■ 4292923126

■ 4293512959

■ 4294168319

Harmonies

Analogous

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



4292264019



4288663142



4283815825

Triad

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



4288663142



4278243839



4294939577

Complementary

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



4288663142



4287981262

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.



4294941677



4288663142



4285711103

Square

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



4288663142



4278245882



4291800831



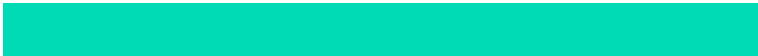
4294941574

Rectangle

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



4288663142



4278246069



4291800831



4294939851

Sweetspot

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



4288663142



4293853145



4291728742



4285890665



4278190080



4286611584

Same Dimension

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



4288663142



4290379619



4285255270



4284573276



4284196352



4279576064

Inverse Universe

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



4287981262



4289356799



4291389134



4284505190



4283105446



4279304230

Previews

White Background



This preview shows how the Android color 4288663142 looks on a white background.

Color Contrast Check

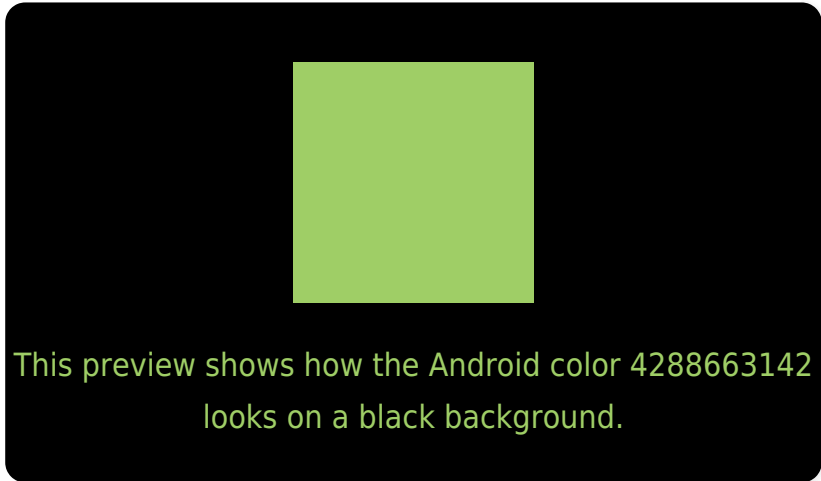
Large Text (above 18pt) WCAG AA × Fail

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 4288663142 Background



This preview shows how black text looks on a background with the Android color 4288663142.

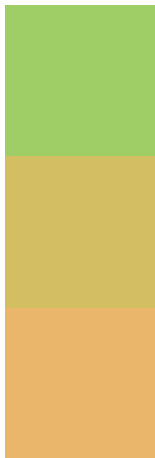


This preview shows how white text looks on a background with the Android color 4288663142.

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](#).

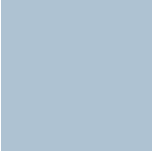
Dichromacy



Original Color
4288663142

Protanopia
4292067169

Deuteranopia
4293506668



Tritanopia
4289643218

Trichromacy



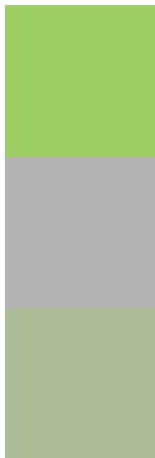
Original Color
4288663142

Protanomaly
4290823267

Deuteranomaly
4291739498

Tritanomaly
4289316523

Monochromacy



Original Color
4288663142

Achromatopsia
4290032820

Achromatomaly
4289510808

CSS Examples

Text

The CSS property to change the color of the text to Android 4288663142 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(159, 206, 102)` looks like.

```
.text, #text, p{  
    color:rgb(159, 206, 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(159, 206, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 206, 102) }
```

Border

The CSS property to change the border of an element to Android 4288663142 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(159, 206, 102) }
```

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

```
.border{ border-color:rgb(159, 206, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 206, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 206, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 206, 102);  
box-shadow:4px 4px 4px 4px rgb(159, 206,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4288663142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 206, 102) }
```

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

```
.background{ background-color: rgb(159,  
206, 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