

Converting Colors

Android(4287877203)

Have a look what the booklet for
Android(4287877203) contains.

Android(4287877203)	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(4287877203)

Conversions

Conversions Part 1

Format	Color
Hex	93D053
RGB	147, 208, 83
RGB Percent	58%, 82%, 33%
CMY	0.4235, 0.1843, 0.6745
CMYK	0.29, 0.00, 0.60, 0.18
HSL	89°, 57%, 57%
HSV	89°, 60%, 82%
XYZ	36.1498, 51.9393, 16.3036
YIQ	175.5110, 3.7690, -51.8070

Conversions

Conversions Part 2

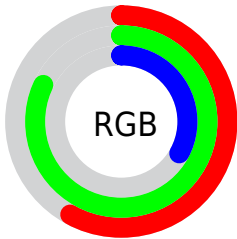
Format	Color
RYB	83, 208, 144
Decimal	9687123
CIELab	77.24, -39.65, 54.56
CIElCh	77, 67.449, 126.006
Yxy	51.9393, 0.3463, 0.4975
Android (android.graphics.Color)	4287877203 (0xFF93D053)
YUV	175.5110, -45.6079, -25.0041
Hunter-Lab	72.0689, -36.5849, 37.0355

Details

The Android color **4287877203** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **4287648720**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4291624841**, and **4284258586** is the 20% darker color. If you saturate the color by 10%, you get **4287221822**, and if you desaturate by 10%, it is **4288532584**.

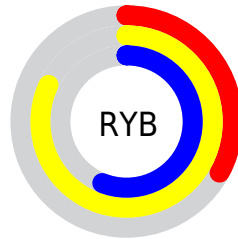
Distribution



Red (58%)

Green (82%)

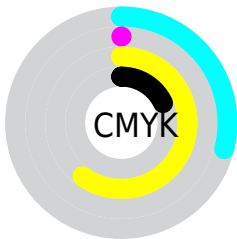
Blue (33%)



Red (33%)

Yellow (82%)

Blue (56%)

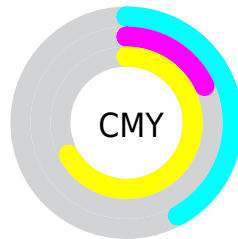


Cyan (29%)

Magenta (0%)

Yellow (60%)

Black (18%)



Cyan (42%)

Magenta (18%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287877203 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 4287877203 by changing the saturation by 10% instead.

 4287877203

 4287877203

4294967295

 4286035000

 4291624841

 4284258586

 4293525412

 4282416896

 4294967232

 4280509696

 4294967261

 4278209792

 4294967290

 4278203648

 4278198528

 4278190080

 4287877203

 4287877203

■ 4287221822

■ 4288532584

■ 4286566441

■ 4289187965

■ 4285911061

■ 4289843345

■ 4285190144

■ 4290564262

■ 4291219643

■ 4291875024

■ 4292530405

■ 4293185785

■ 4293841151

Harmonies

Analogous

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



4292198455



4287877203



4280080777

Triad

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



4287877203



4278244351



4294935989

Complementary

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



4287877203



4287648720

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.



4294938867



4287877203



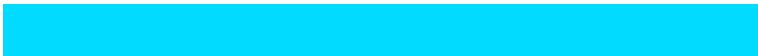
4283613951

Square

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



4287877203



4278246399



4291996159



4294939001

Rectangle

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



4287877203



4278246836



4291996159



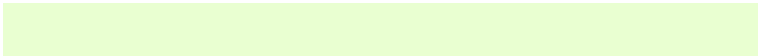
4294936266

Sweetspot

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



4287877203



4293525457



4291858259



4285694051



4278190080



4286611584

Same Dimension

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



4287877203



4289068871



4283813971



4284705118



4283869184



4279576832

Inverse Universe

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



4287648720



4288759807



4291711952



4284702313



4283564200



4279500841

Previews

White Background



This preview shows how the Android color 4287877203 looks on a white background.

Color Contrast Check

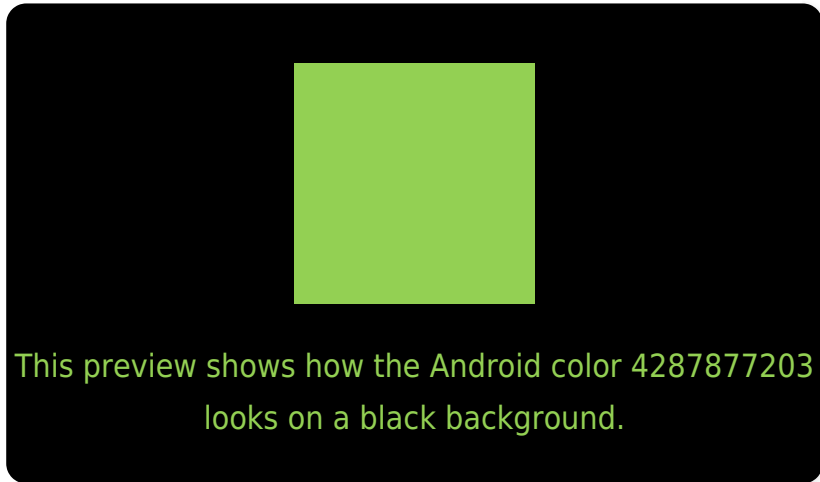
Large Text (above 18pt) WCAG AA × Fail

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 4287877203 Background



This preview shows how black text looks on a background with the Android color 4287877203.



This preview shows how white text looks on a background with the Android color 4287877203.

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



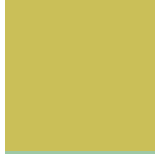
Trichromacy



Original Color
4287877203



Protanomaly
4290561360



Deuteranomaly
4291477336

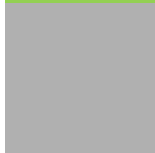


Tritanomaly
4288596132

Monochromacy



Original Color
4287877203



Achromatopsia
4289769648



Achromatomaly
4289051790

CSS Examples

Text

The CSS property to change the color of the text to Android 4287877203 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(147, 208, 83)` looks like.

```
.text, #text, p{  
    color:rgb(147, 208, 83)  
}
```

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(147, 208, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 208, 83) }
```

Border

The CSS property to change the border of an element to Android 4287877203 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(147, 208, 83) }
```

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

```
.border{ border-color:rgb(147, 208, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 208, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 208, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 208, 83);  
box-shadow:4px 4px 4px 4px rgb(147, 208,  
83) }
```

Background

The CSS property to change the background color of an element to Android 4287877203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 208, 83) }
```

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

```
.background{ background-color: rgb(147,  
208, 83) }
```

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