

Converting Colors

Android(4287083847)

Have a look what the booklet for
Android(4287083847) contains.

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Color

Android(4287083847)

Conversions

Conversions Part 1

Format	Color
Hex	87B547
RGB	135, 181, 71
RGB Percent	53%, 71%, 28%
CMY	0.4706, 0.2902, 0.7216
CMYK	0.25, 0.00, 0.61, 0.29
HSL	85°, 44%, 49%
HSV	85°, 61%, 71%
XYZ	27.6529, 38.6536, 11.9647
YIQ	154.7060, 7.8940, -43.9620

Conversions

Conversions Part 2

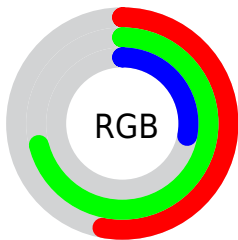
Format	Color
RYB	71, 181, 117
Decimal	8893767
CIELab	68.50, -32.91, 49.89
CIElCh	68, 59.770, 123.409
Yxy	38.6536, 0.3533, 0.4938
Android (android.graphics.Color)	4287083847 (0xFF87B547)
YUV	154.7060, -41.2671, -17.2822
Hunter-Lab	62.1720, -29.4077, 32.1104

Details

The Android color `4287083847` is a dark color, and the websafe version is hex `99CC66`. A complement of this color would be `4285876149`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4290768251`, and `4283531278` is the 20% darker color. If you saturate the color by 10%, you get `4286559541`, and if you desaturate by 10%, it is `4287608153`.

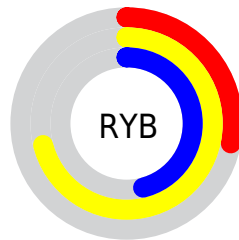
Distribution



Red (53%)

Green (71%)

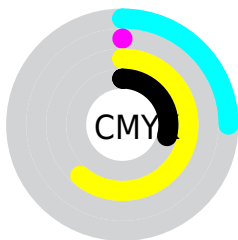
Blue (28%)



Red (28%)

Yellow (71%)

Blue (46%)

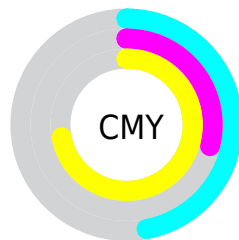


Cyan (25%)

Magenta (0%)

Yellow (61%)

Black (29%)



Cyan (47%)

Magenta (29%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287083847 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 4287083847 by changing the saturation by 10% instead.



4287083847



4287083847

4294967295



4285307437



4290768251



4283531278



4292607894



4281820928



4294574002



4280110592



4294967246



4278204160



4294967275



4278199040



4278190080



4287083847



4287083847



4286559541



4287608153

■ 4286100771

■ 4288066923

■ 4285576465

■ 4288591229

■ 4285117696

■ 4289049999

■ 4289574306

■ 4290033076

■ 4290557382

■ 4291081688

■ 4291540458

Harmonies

Analogous

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



4290750003



4287083847



4281450100

Triad

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



4287083847



4278237695



4294932131

Complementary

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



4287083847



4285876149

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.



4293820632



4287083847



4282100735

Square

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



4287083847



4278239457



4289828607



4294934127

Rectangle

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



4287083847



4278239641



4289828607



4294932405

Sweetspot

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



4287083847



4292471744



4290082119



4285232475



4294309365



4285887861

Same Dimension

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



4287083847



4288932671



4283479367



4283849040



4284061952



4279179776

Inverse Universe

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



4285876149



4287053803



4289480629



4283715673



4282384537



4278911002

Previews

White Background



This preview shows how the Android color 4287083847 looks on a white background.

Color Contrast Check

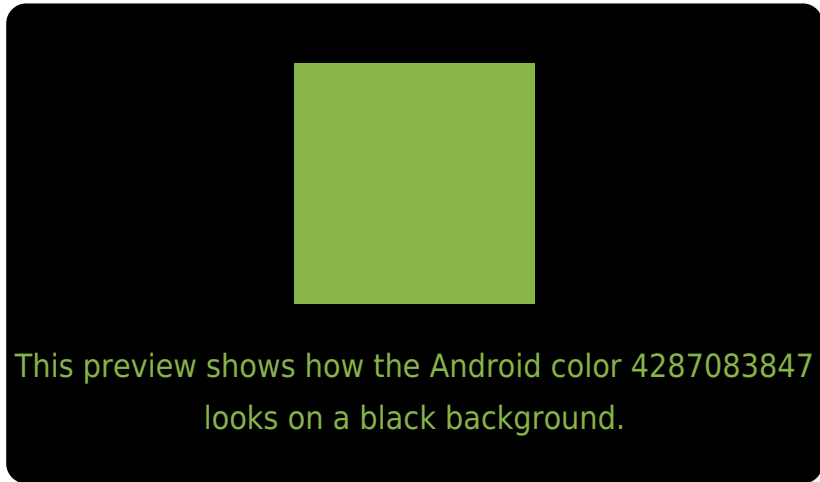
Large Text (above 18pt) WCAG AA × Fail

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 4287083847 Background



This preview shows how black text looks on a background with the Android color 4287083847.



This preview shows how white text looks on a background with the Android color 4287083847.

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





Tritanopia
4288064183

Trichromacy



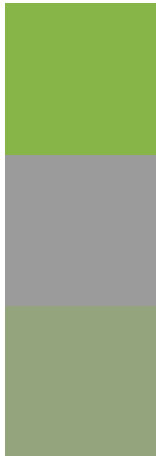
Original Color
4287083847

Protanomaly
4289178692

Deuteranomaly
4290029131

Tritanomaly
4287737486

Monochromacy



Original Color
4287083847

Achromatopsia
4288387995

Achromatomaly
4287931516

CSS Examples

Text

The CSS property to change the color of the text to Android 4287083847 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(135, 181, 71)` looks like.

```
.text, #text, p{  
    color:rgb(135, 181, 71)  
}
```

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(135, 181, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 181, 71) }
```

Border

The CSS property to change the border of an element to Android 4287083847 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(135, 181, 71) }
```

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

```
.border{ border-color:rgb(135, 181, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 181, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 181, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 181, 71);  
box-shadow:4px 4px 4px 4px rgb(135, 181,  
71) }
```

Background

The CSS property to change the background color of an element to Android 4287083847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 181, 71) }
```

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

```
.background{ background-color: rgb(135,  
181, 71) }
```

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](#).

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