

Converting Colors

Android(4287225674)

Have a look what the booklet for
Android(4287225674) contains.

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Color

Android(4287225674)

Conversions

Conversions Part 1

Format	Color
Hex	89DF4A
RGB	137, 223, 74
RGB Percent	54%, 87%, 29%
CMY	0.4627, 0.1255, 0.7098
CMYK	0.39, 0.00, 0.67, 0.13
HSL	95°, 70%, 58%
HSV	95°, 67%, 87%
XYZ	37.9402, 58.5881, 15.7875
YIQ	180.3000, -3.4270, -64.5710

Conversions

Conversions Part 2

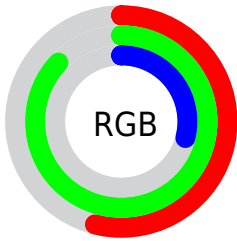
Format	Color
RYB	74, 223, 160
Decimal	9035594
CIELab	81.06, -50.23, 62.28
CIELCh	81, 80.015, 128.888
Yxy	58.5881, 0.3378, 0.5216
Android (android.graphics.Color)	4287225674 (0xFF89DF4A)
YUV	180.3000, -52.4059, -37.9741
Hunter-Lab	76.5429, -45.4724, 41.3510

Details

The Android color `4287225674` is a dark color, and the websafe version is hex `66CC33`. The color can be described as middle muted chartreuse. A complement of this color would be `4288695007`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4291035009`, and `4283410177` is the 20% darker color. If you saturate the color by 10%, you get `4286373684`, and if you desaturate by 10%, it is `4288077664`.

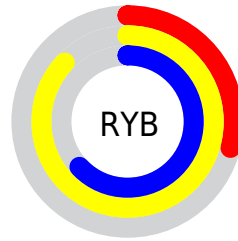
Distribution



Red (54%)

Green (87%)

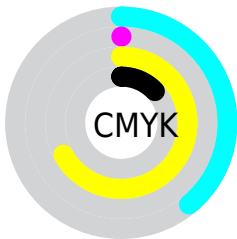
Blue (29%)



Red (29%)

Yellow (87%)

Blue (63%)

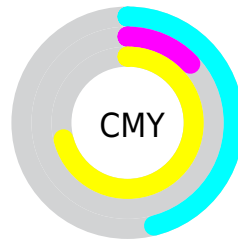


Cyan (39%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (46%)

Magenta (13%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287225674 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 4287225674 by changing the saturation by 10% instead.



4287225674



4287225674

4294967295



4285317933



4291035009



4283410177



4293001117



4281306112



4294967226



4278219264



4294967254



4278212864



4294967284



4278206464



4278201088



4278191872



4278190080

 4287225674

 4287225674

 4286373684

 4288077664

 4285521693

 4288929655

 4284669703

 4289781645

 4284407552

 4290568099

 4291420090

 4292272080

 4293124070

 4293976060

 4294828031

Harmonies

Analogous

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



4292529430



4287225674



4278249872

Triad

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



4287225674



4278247679



4294934454

Complementary

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



4287225674



4288695007

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.



4294937599



4287225674



4282502143

Square

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



4287225674



4278250239



4293503999



4294939503

Rectangle

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



4287225674



4278250692



4293503999



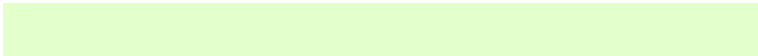
4294934735

Sweetspot

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



4287225674



4293066700



4292845130



4285431905



4278190080



4286611584

Same Dimension

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



4287225674



4287233843



4283096916



4285165669



4283084800



4279513088

Inverse Universe

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



4288695007



4289278975



4292823765



4285228400



4284874928



4280025136

Previews

White Background



This preview shows how the Android color 4287225674 looks on a white background.

Color Contrast Check

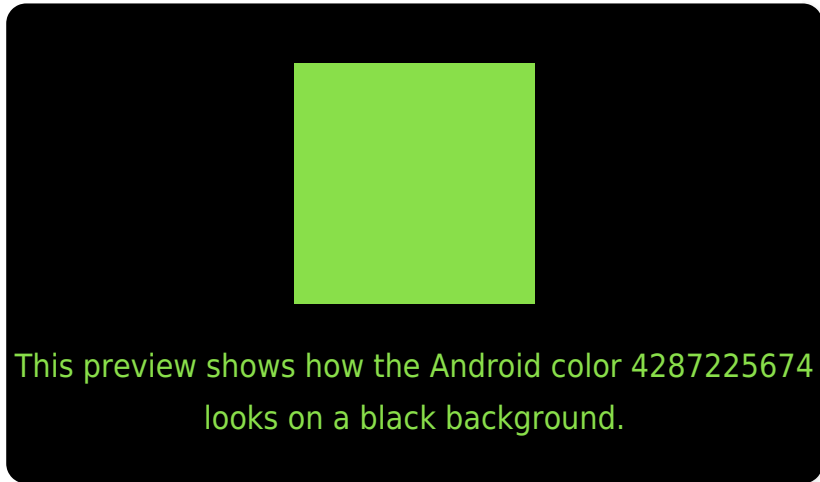
Large Text (above 18pt) WCAG AA × Fail

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 4287225674 Background



This preview shows how black text looks on a background with the Android color 4287225674.

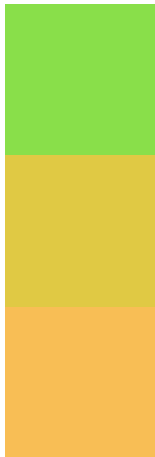


This preview shows how white text looks on a background with the Android color 4287225674.

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
4287225674

Protanopia
4292921668

Deuteranopia
4294491733



Tritanopia
4288729313

Trichromacy



Original Color

4287225674



Protanomaly

4290826566



Deuteranomaly

4291873361



Tritanomaly

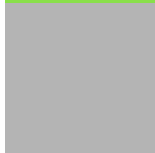
4288206250

Monochromacy



Original Color

4287225674



Achromatopsia

4290032820



Achromatomaly

4288988301

CSS Examples

Text

The CSS property to change the color of the text to Android 4287225674 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(137, 223, 74)` looks like.

```
.text, #text, p{  
    color:rgb(137, 223, 74)  
}
```

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(137, 223, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 223, 74) }
```

Border

The CSS property to change the border of an element to Android 4287225674 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(137, 223, 74) }
```

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

```
.border{ border-color:rgb(137, 223, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 223, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 223, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 223, 74);  
box-shadow:4px 4px 4px 4px rgb(137, 223,  
74) }
```

Background

The CSS property to change the background color of an element to Android 4287225674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 223, 74) }
```

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

```
.background{ background-color: rgb(137,  
223, 74) }
```

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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