

Converting Colors

Android(4287224676)

Have a look what the booklet for
Android(4287224676) contains.

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Color

Android(4287224676)

Conversions

Conversions Part 1

Format	Color
Hex	89DB64
RGB	137, 219, 100
RGB Percent	54%, 86%, 39%
CMY	0.4627, 0.1412, 0.6078
CMYK	0.37, 0.00, 0.54, 0.14
HSL	101°, 62%, 63%
HSV	101°, 54%, 86%
XYZ	37.9483, 56.9015, 21.0396
YIQ	180.9160, -10.6730, -54.3930

Conversions

Conversions Part 2

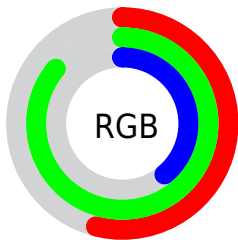
Format	Color
RYB	100, 219, 182
Decimal	9034596
CIELab	80.12, -46.15, 50.11
CIELCh	80, 68.122, 132.649
Yxy	56.9015, 0.3275, 0.4910
Android (android.graphics.Color)	4287224676 (0xFF89DB64)
YUV	180.9160, -39.8916, -38.5143
Hunter-Lab	75.4331, -42.2095, 36.2661

Details

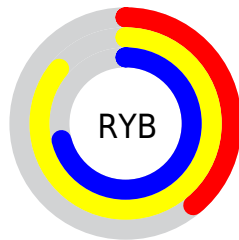
The Android color `4287224676` is a light color, and the websafe version is hex `66CC66`. A complement of this color would be `4290143451`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4290969498`, and `4283540271` is the 20% darker color. If you saturate the color by 10%, you get `4286241614`, and if you desaturate by 10%, it is `4288207738`.

Distribution



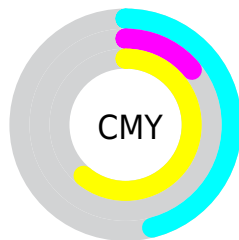
- Red (54%)
- Green (86%)
- Blue (39%)



- Red (39%)
- Yellow (86%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (54%)
- Black (14%)



- Cyan (46%)
- Magenta (14%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287224676 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 4287224676 by changing the saturation by 10% instead.



4287224676



4287224676

4294967295



4285382474



4290969498



4283540271



4292870069



4281567505



4294836178



4279070464



4294967279



4278211840



4278205696



4278200320



4278190336



4278190080

 4287224676

 4287224676

 4286241614

 4288207738


 4285258552

 4289190800

 4284275490

 4290173862

 4283292428

 4291156924

 4282702592

 4292139986

 4293188583

 4294171645

 4294958079

Harmonies

Analogous

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



4291873856



4287224676



4278248351

Triad

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



4287224676



4278245631



4294938030

Complementary

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



4287224676



4290143451

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.



4294939630



4287224676



4286760447

Square

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



4287224676



4278248447



4293766143



4294942067

Rectangle

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



4287224676



4278249163



4293766143



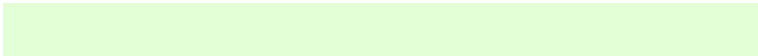
4294938052

Sweetspot

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



4287224676



4293132246



4292588900



4285497447



4278190080



4286611584

Same Dimension

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



4287224676



4287496025



4284799866



4284903011



4281773312



4279119360

Inverse Universe

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



4290143451



4291516927



4292568261



4285162350



4285989037



4280287278

Previews

White Background



This preview shows how the Android color 4287224676 looks on a white background.

Color Contrast Check

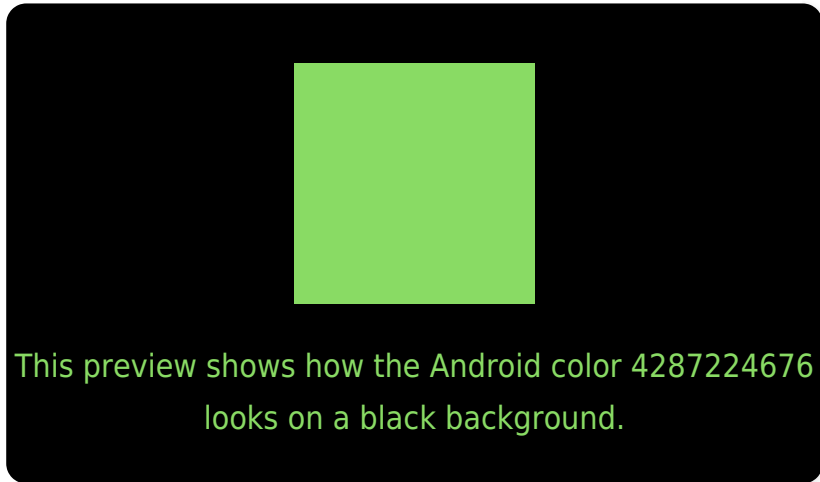
Large Text (above 18pt) WCAG AA × Fail

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 4287224676 Background



This preview shows how black text looks on a background with the Android color 4287224676.



This preview shows how white text looks on a background with the Android color 4287224676.

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

4287224676



Protanomaly

4290629216



Deuteranomaly

4291610473



Tritanomaly

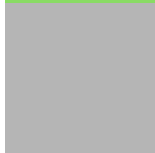
4288074674

Monochromacy



Original Color

4287224676



Achromatopsia

4290098613



Achromatomaly

4289053592

CSS Examples

Text

The CSS property to change the color of the text to Android 4287224676 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, 219, 100)` looks like.

```
.text, #text, p{  
    color:rgb(137, 219, 100)  
}
```

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, 219, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 219, 100) }
```

Border

The CSS property to change the border of an element to Android 4287224676 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, 219, 100) }
```

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

```
.border{ border-color:rgb(137, 219, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 219, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 219, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 219, 100); box-shadow:4px 4px 4px 4px rgb(137, 219, 100) }
```

Background

The CSS property to change the background color of an element to Android 4287224676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 219, 100) }
```

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

```
.background{ background-color: rgb(137,  
219, 100) }
```

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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