

Converting Colors

Android(4284016742)

Have a look what the booklet for
Android(4284016742) contains.

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Color

Android(4284016742)

Conversions

Conversions Part 1

Format	Color
Hex	58E866
RGB	88, 232, 102
RGB Percent	35%, 91%, 40%
CMY	0.6549, 0.0902, 0.6000
CMYK	0.62, 0.00, 0.56, 0.09
HSL	126°, 76%, 63%
HSV	126°, 62%, 91%
XYZ	35.2794, 60.7472, 22.4363
YIQ	174.1240, -44.0940, -70.9580

Conversions

Conversions Part 2

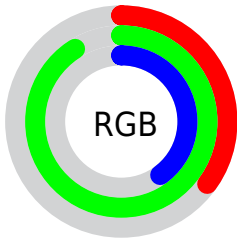
Format	Color
RYB	88, 219, 232
Decimal	5826662
CIELab	82.24, -64.13, 51.25
CIELCh	82, 82.092, 141.366
Yxy	60.7472, 0.2978, 0.5128
Android (android.graphics.Color)	4284016742 (0xFF58E866)
YUV	174.1240, -35.5571, -75.5307
Hunter-Lab	77.9405, -55.5988, 37.4908

Details

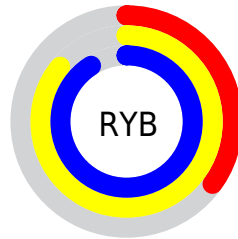
The Android color `4284016742` is a dark color, and the websafe version is hex `66FF66`. The color can be described as middle muted spring green. A complement of this color would be `4293417178`, and the grayscale version is `4289703855`.

A 20% lighter version of the original color is `4288151452`, and `4278234929` is the 20% darker color. If you saturate the color by 10%, you get `4282509393`, and if you desaturate by 10%, it is `4285524091`.

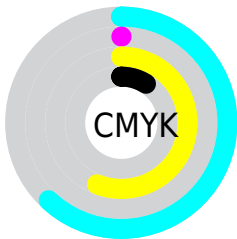
Distribution



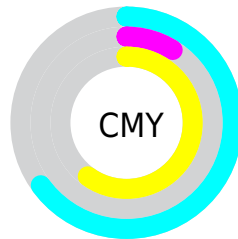
- Red (35%)
- Green (91%)
- Blue (40%)



- Red (35%)
- Yellow (86%)
- Blue (91%)



- Cyan (62%)
- Magenta (0%)
- Yellow (56%)
- Black (9%)



- Cyan (65%)
- Magenta (9%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Android color 4284016742 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 4284016742 by changing the saturation by 10% instead.

 4284016742

 4284016742

4294967295

 4281584460

 4288151452

 4278234929

 4290183096

 4278227729

 4292149204

 4278221056

 4294180849

 4278214144

 4278207744

 4278201856

 4278193920

 4278190080

 4284016742

 4284016742

 4282509393

 4285524091

 4281002044

 4287031440

 4279429159

 4288604325

 4278249495

 4290111674

 4291619023

 4293126372

 4294633721

 4294961407

Harmonies

Analogous

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



4290697508



4284016742



4278251443

Triad

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



4284016742



4278246655



4294935961

Complementary

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



4284016742



4293417178

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.



4294935526



4284016742



4288791295

Square

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



4284016742



4278250495



4294942719



4294943060

Rectangle

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



4284016742



4278252009



4294942719



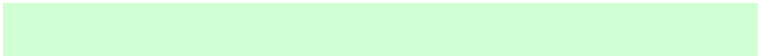
4294934706

Sweetspot

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



4284016742



4291821523



4292667480



4284645477



4278190080



4286611584

Same Dimension

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



4284016742



4282580821



4284016812



4284969832



4278235921



4278203141

Inverse Universe

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



4293417178



4294918893



4293417108



4285753202



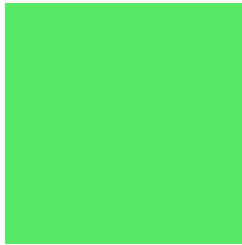
4289921185



4281532462

Previews

White Background



This preview shows how the Android color 4284016742 looks on a white background.

Color Contrast Check

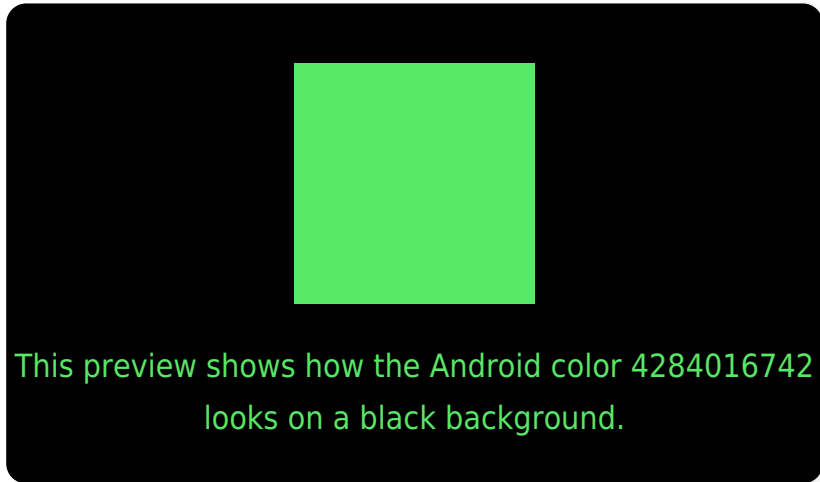
Large Text (above 18pt) WCAG AA × Fail

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

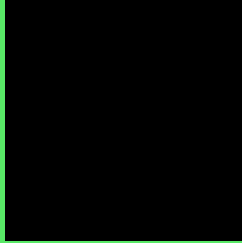
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

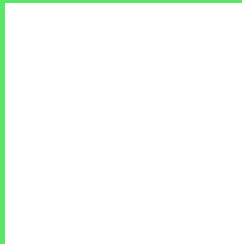
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284016742 Background



This preview shows how black text looks on a background with the Android color 4284016742.

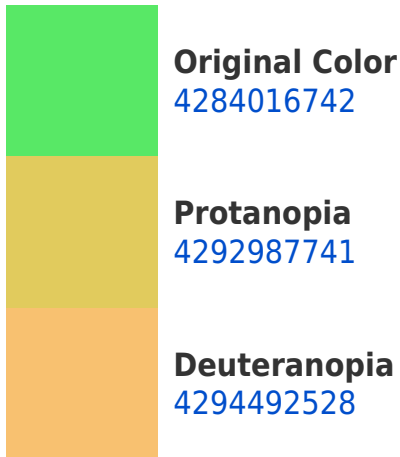


This preview shows how white text looks on a background with the Android color 4284016742.

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

4284016742



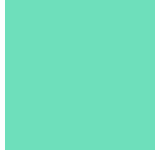
Protanomaly

4289713760



Deuteranomaly

4290695020



Tritanomaly

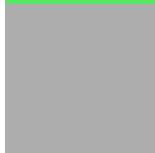
4285456315

Monochromacy



Original Color

4284016742



Achromatopsia

4289638062



Achromatomaly

4287611796

CSS Examples

Text

The CSS property to change the color of the text to Android 4284016742 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(88, 232, 102)` looks like.

```
.text, #text, p{  
    color:rgb(88, 232, 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(88, 232, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 232, 102) }
```

Border

The CSS property to change the border of an element to Android 4284016742 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(88, 232, 102) }
```

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

```
.border{ border-color:rgb(88, 232, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 232, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 232, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 232, 102);  
box-shadow:4px 4px 4px 4px rgb(88, 232,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4284016742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 232, 102) }
```

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

```
.background{ background-color: rgb(88, 232,  
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](#).

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