

Converting Colors

Android(4284342917)

Have a look what the booklet for
Android(4284342917) contains.

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Color

Android(4284342917)

Conversions

Conversions Part 1

Format	Color
Hex	5DE285
RGB	93, 226, 133
RGB Percent	36%, 89%, 52%
CMY	0.6353, 0.1137, 0.4784
CMYK	0.59, 0.00, 0.41, 0.11
HSL	138°, 70%, 63%
HSV	138°, 59%, 89%
XYZ	35.9442, 58.4133, 31.5707
YIQ	175.6310, -49.4150, -57.1190

Conversions

Conversions Part 2

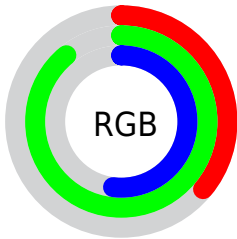
Format	Color
RYB	93, 195, 226
Decimal	6152837
CIELab	80.97, -56.39, 34.81
CIELCh	81, 66.269, 148.311
Yxy	58.4133, 0.2854, 0.4639
Android (android.graphics.Color)	4284342917 (0xFF5DE285)
YUV	175.6310, -21.0171, -72.4674
Hunter-Lab	76.4286, -49.8019, 29.0088

Details

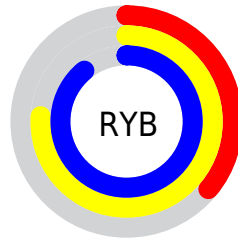
The Android color `4284342917` is a light color, and the websafe version is hex `33CC66`. The color can be described as light muted spring green. A complement of this color would be `4293025210`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4288348091`, and `4278626898` is the 20% darker color. If you saturate the color by 10%, you get `4282835573`, and if you desaturate by 10%, it is `4285850261`.

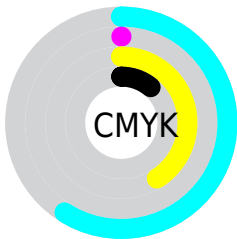
Distribution



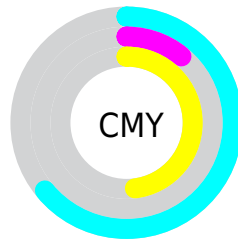
- Red (36%)
- Green (89%)
- Blue (52%)



- Red (36%)
- Yellow (76%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (41%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284342917 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 4284342917 by changing the saturation by 10% instead.



4284342917



4284342917

4294967295



4282172779



4288348091



4278626898



4290248663



4278226489



4292214772



4278219809



4294246399



4278213126



4278206720



4278200832



4278191872



4278190080

 4284342917

 4284342917

 4282835573

 4285850261

 4281393765

 4287292069

 4279886422

 4288799412

 4278444614

 4290241220

 4278248004

 4291748564

 4293255908

 4294697716

 4294959871

Harmonies

Analogous

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



4289845077



4284342917



4278249411

Triad

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



4284342917



4280209919



4294940818

Complementary

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



4284342917



4293025210

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.



4294939343



4284342917



4291148543

Square

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



4284342917



4278247679



4294943231



4294946144

Rectangle

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



4284342917



4278249710



4294943231



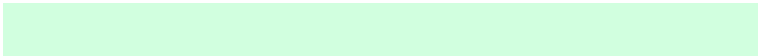
4294939814

Sweetspot

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



4284342917



4291952607



4290437725



4284711020



4278190080



4286611584

Same Dimension

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



4284342917



4283105152



4284342983



4284837992



4278235189



4278202383

Inverse Universe

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



4293025210



4294920905



4293025144



4285556077



4289724539



4281335842

Previews

White Background



This preview shows how the Android color 4284342917 looks on a white background.

Color Contrast Check

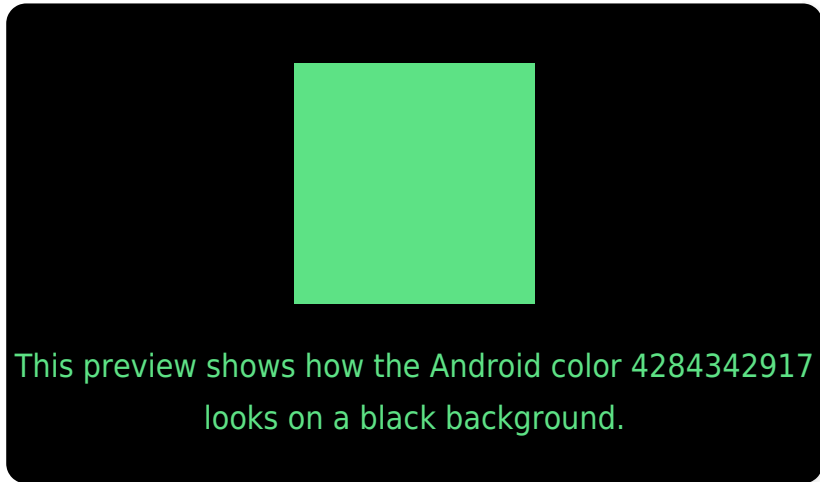
Large Text (above 18pt) WCAG AA × Fail

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 4284342917 Background



This preview shows how black text looks on a background with the Android color 4284342917.

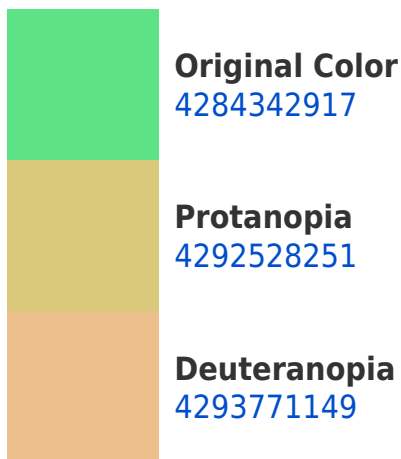


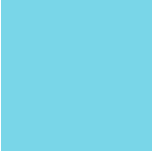
This preview shows how white text looks on a background with the Android color 4284342917.

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
4286174952

Trichromacy



Original Color

4284342917



Protanomaly

4289581439



Deuteranomaly

4290366602



Tritanomaly

4285520580

Monochromacy



Original Color

4284342917



Achromatopsia

4289769648



Achromatomaly

4287808160

CSS Examples

Text

The CSS property to change the color of the text to Android 4284342917 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(93, 226, 133)` looks like.

```
.text, #text, p{  
    color:rgb(93, 226, 133)  
}
```

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(93, 226, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 226, 133) }
```

Border

The CSS property to change the border of an element to Android 4284342917 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(93, 226, 133) }
```

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

```
.border{ border-color:rgb(93, 226, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 226, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 226, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 226, 133);  
box-shadow:4px 4px 4px 4px rgb(93, 226,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4284342917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 226, 133) }
```

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

```
.background{ background-color: rgb(93, 226,  
133) }
```

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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