

Converting Colors

Android(4284083313)

Have a look what the booklet for
Android(4284083313) contains.

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Color

Android(4284083313)

Conversions

Conversions Part 1

Format	Color
Hex	59EC71
RGB	89, 236, 113
RGB Percent	35%, 93%, 44%
CMY	0.6510, 0.0745, 0.5569
CMYK	0.62, 0.00, 0.52, 0.07
HSL	130°, 79%, 64%
HSV	130°, 62%, 93%
XYZ	37.0959, 63.3070, 25.8871
YIQ	178.0250, -48.1290, -69.4170

Conversions

Conversions Part 2

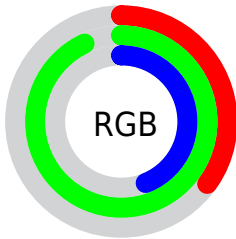
Format	Color
RYB	89, 215, 236
Decimal	5893233
CIELab	83.60, -63.93, 47.83
CIELCh	84, 79.841, 143.197
Yxy	63.3070, 0.2937, 0.5013
Android (android.graphics.Color)	4284083313 (0xFF59EC71)
YUV	178.0250, -32.0573, -78.0749
Hunter-Lab	79.5657, -56.0179, 36.4057

Details

The Android color `4284083313` is a dark color, and the websafe version is hex `66FF99`. The color can be described as middle muted spring green. A complement of this color would be `4293679572`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4288216999`, and `4278235965` is the 20% darker color. If you saturate the color by 10%, you get `4282510429`, and if you desaturate by 10%, it is `4285656197`.

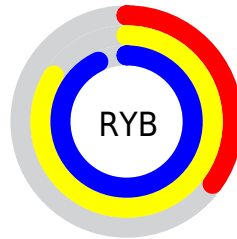
Distribution



Red (35%)

Green (93%)

Blue (44%)



Red (35%)

Yellow (84%)

Blue (93%)

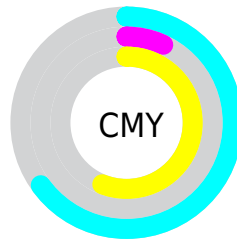


Cyan (62%)

Magenta (0%)

Yellow (52%)

Black (7%)



Cyan (65%)

Magenta (7%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284083313 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 4284083313 by changing the saturation by 10% instead.

 4284083313

 4284083313

4294967295

 4281651031

 4288216999

 4278235965

 4290248643

 4278228769

 4292214752

 4278221824

 4294246397

 4278215168

 4278208512

 4278202624

 4278195456


 4278190080

 4284083313

 4284083313

 4282510429

 4285656197

 4281003082

 4287163544

 4279430198

 4288736428

 4278250535

 4290243776

 4291816660

 4293389543

 4294896891

 4294962431

Harmonies

Analogous

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



4290698804



4284083313



4278252476

Triad

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



4284083313



4278247167



4294938010

Complementary

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



4284083313



4293679572

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.



4294937061



4284083313



4289840383

Square

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



4284083313



4278251263



4294943487



4294945112

Rectangle

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



4284083313



4278252784



4294943487



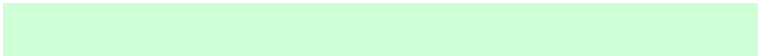
4294936754

Sweetspot

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



4284083313



4291821526



4292275289



4284645479



4278190080



4286611584

Same Dimension

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



4284083313



4282449759



4284083385



4285166955



4278236446



4278203913

Inverse Universe

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



4293679572



4294918368



4293679500



4285885043



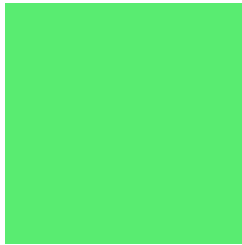
4290052247



4281729069

Previews

White Background



This preview shows how the Android color 4284083313 looks on a white background.

Color Contrast Check

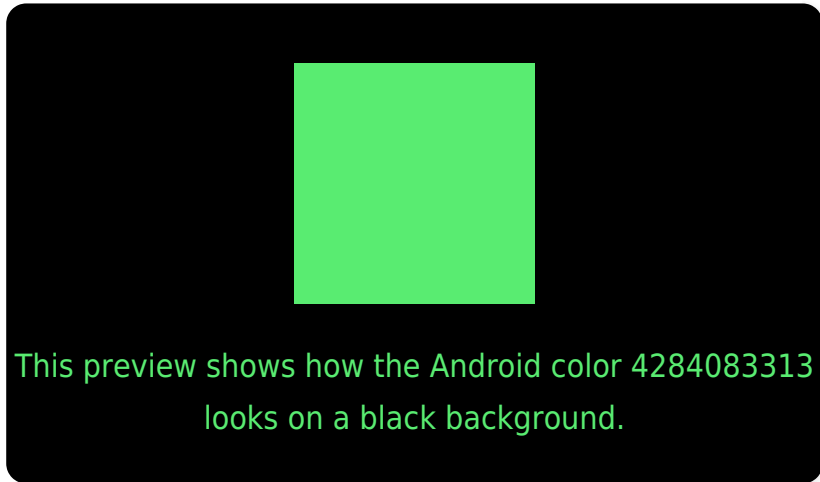
Large Text (above 18pt) WCAG AA × Fail

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 4284083313 Background



This preview shows how black text looks on a background with the Android color 4284083313.




This preview shows how white text looks on a background with the Android color 4284083313.

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](#).

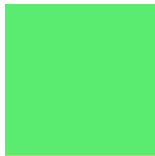
Dichromacy



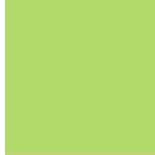


Tritanopia
4286373616

Trichromacy



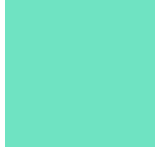
Original Color
4284083313



Protanomaly
4289845867



Deuteranomaly
4290827127



Tritanomaly
4285522882

Monochromacy



Original Color
4284083313



Achromatopsia
4289901234



Achromatomaly
4287809434

CSS Examples

Text

The CSS property to change the color of the text to Android 4284083313 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(89, 236, 113)` looks like.

```
.text, #text, p{  
    color:rgb(89, 236, 113)  
}
```

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(89, 236, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 236, 113) }
```

Border

The CSS property to change the border of an element to Android 4284083313 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(89, 236, 113) }
```

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

```
.border{ border-color:rgb(89, 236, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 236, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 236, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 236, 113);  
box-shadow:4px 4px 4px 4px rgb(89, 236,  
113) }
```

Background

The CSS property to change the background color of an element to Android 4284083313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 236, 113) }
```

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

```
.background{ background-color: rgb(89, 236,  
113) }
```

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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