

Converting Colors

Android(4290445185)

Have a look what the booklet for
Android(4290445185) contains.

Android(4290445185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4290445185)

Conversions

Conversions Part 1

Format	Color
Hex	BAFF81
RGB	186, 255, 129
RGB Percent	73%, 100%, 51%
CMY	0.2706, 0.0000, 0.4941
CMYK	0.27, 0.00, 0.49, 0.00
HSL	93°, 100%, 75%
HSV	93°, 49%, 100%
XYZ	59.9721, 83.5441, 33.7336
YIQ	220.0050, -0.6780, -53.8140

Conversions

Conversions Part 2

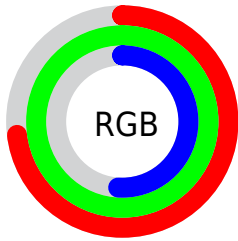
Format	Color
RYB	129, 255, 198
Decimal	12255105
CIELab	93.25, -42.06, 53.03
CIELCh	93, 67.690, 128.419
Yxy	83.5441, 0.3383, 0.4713
Android (android.graphics.Color)	4290445185 (0xFFBAFF81)
YUV	220.0050, -44.8655, -29.8224
Hunter-Lab	91.4025, -42.8346, 42.0997

Details

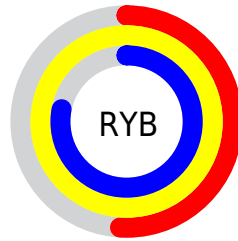
The Android color `4290445185` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4291199487`, and the grayscale version is `4292664540`.

A 20% lighter version of the original color is `4294246328`, and `4286760524` is the 20% darker color. If you saturate the color by 10%, you get `4289527656`, and if you desaturate by 10%, it is `4291362715`.

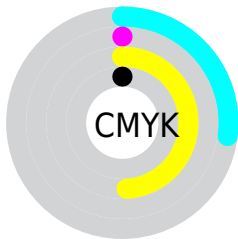
Distribution



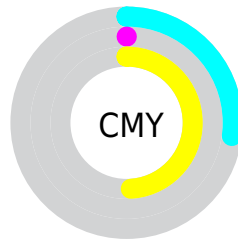
- Red (73%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (78%)



- Cyan (27%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290445185 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 4290445185 by changing the saturation by 10% instead.

 4290445185

 4290445185

4294967295

 4288602726

 4294246328

 4286760524

 4294967253

 4284918321

 4294967282

 4283076369

 4281169152

 4278737920

 4278207488

 4278201600

 4278195200

 4290445185

 4290445185

 4289527656

 4291362715

 4288610126

 4292280244

 4287692597

 4293197774

 4286775067

 4294115303

 4285857538

4294967295

 4285792000

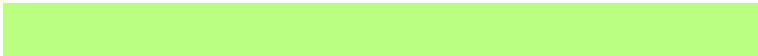
Harmonies

Analogous

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



4294962788



4290445185



4283891641

Triad

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



4290445185



4278255615



4294947804

Complementary

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



4290445185



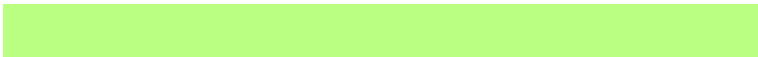
4291199487

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.



4294950143



4290445185



4288343295

Square

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



4290445185



4278255615



4294956031



4294951070

Rectangle

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



4290445185



4278255590



4294956031



4294948082

Sweetspot

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



4290445185



4293591001



4294952065



4285759593



4278190080



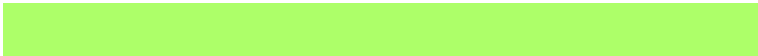
4286611584

Same Dimension

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



4290445185



4289593193



4286709637



4286152819



4283940608



4280107008

Inverse Universe

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



4291199487



4290472447



4294935035



4286215040



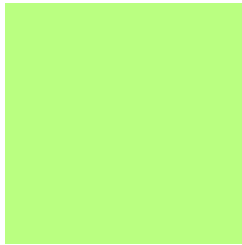
4285071551



4280483904

Previews

White Background



This preview shows how the Android color 4290445185 looks on a white background.

Color Contrast Check

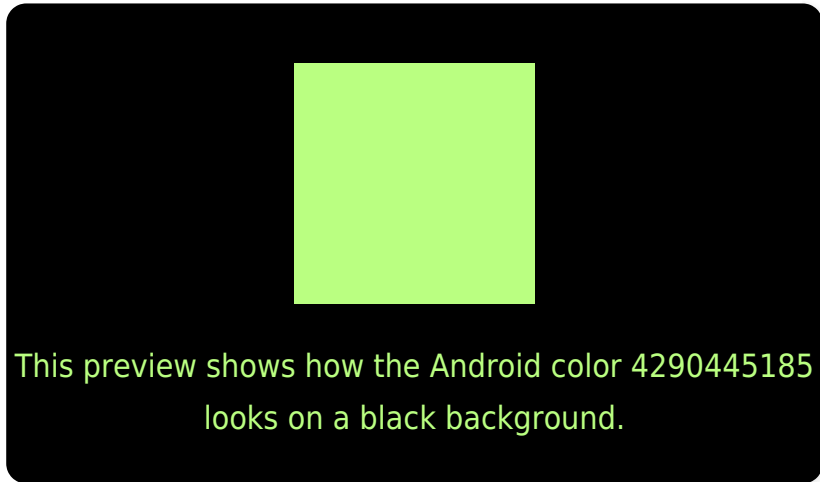
Large Text (above 18pt) WCAG AA × Fail

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

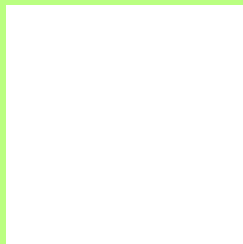
Any Text WCAG AAA ✓ Pass

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

Android 4290445185 Background



This preview shows how black text looks on a background with the Android color 4290445185.

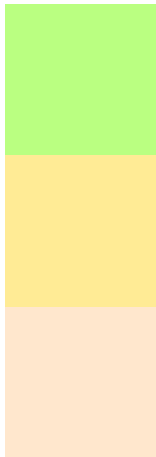


This preview shows how white text looks on a background with the Android color 4290445185.

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](#).

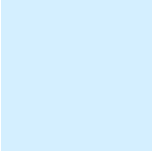
Dichromacy



Original Color
4290445185

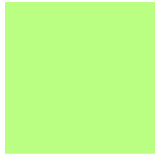
Protanopia
4294962069

Deuteranopia
4294961101

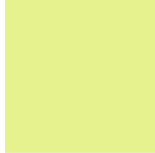


Tritanopia
4292145151

Trichromacy



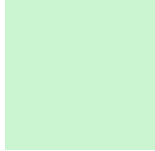
Original Color
4290445185



Protanomaly
4293325454

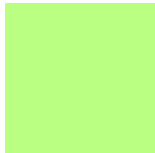


Deuteranomaly
4293324977

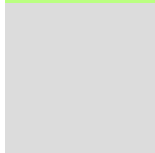


Tritanomaly
4291556817

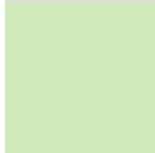
Monochromacy



Original Color
4290445185



Achromatopsia
4292664540



Achromatomaly
4291881403

CSS Examples

Text

The CSS property to change the color of the text to Android 4290445185 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(186, 255, 129)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 129)  
}
```

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(186, 255, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 129) }
```

Border

The CSS property to change the border of an element to Android 4290445185 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(186, 255, 129) }
```

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

```
.border{ border-color:rgb(186, 255, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 129);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4290445185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 129) }
```

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

```
.background{ background-color: rgb(186,  
255, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor