

Converting Colors

Android(4290575237)

Have a look what the booklet for
Android(4290575237) contains.

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Color

Android(4290575237)

Conversions

Conversions Part 1

Format	Color
Hex	BCFB85
RGB	188, 251, 133
RGB Percent	74%, 98%, 52%
CMY	0.2627, 0.0157, 0.4784
CMYK	0.25, 0.00, 0.47, 0.02
HSL	92°, 94%, 75%
HSV	92°, 47%, 98%
XYZ	59.4699, 81.3792, 34.7637
YIQ	218.7110, 0.3300, -50.0540

Conversions

Conversions Part 2

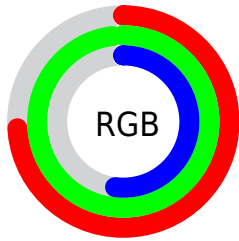
Format	Color
RYB	133, 251, 196
Decimal	12385157
CIELab	92.30, -39.16, 50.03
CIELCh	92, 63.533, 128.052
Yxy	81.3792, 0.3386, 0.4634
Android (android.graphics.Color)	4290575237 (0xFFBCFB85)
YUV	218.7110, -42.2555, -26.9335
Hunter-Lab	90.2104, -40.1948, 40.2992

Details

The Android color `4290575237` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4291069435`, and the grayscale version is `4292598747`.

A 20% lighter version of the original color is `4294377404`, and `4286890576` is the 20% darker color. If you saturate the color by 10%, you get `4289723244`, and if you desaturate by 10%, it is `4291427230`.

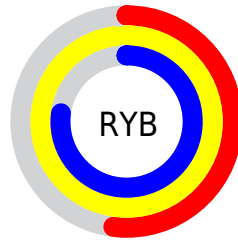
Distribution



Red (74%)

Green (98%)

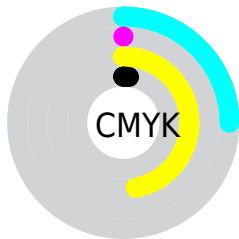
Blue (52%)



Red (52%)

Yellow (98%)

Blue (77%)

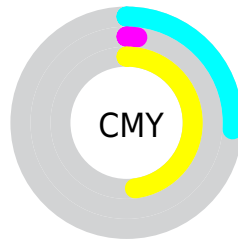


Cyan (25%)

Magenta (0%)

Yellow (47%)

Black (2%)



Cyan (26%)

Magenta (2%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290575237 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 4290575237 by changing the saturation by 10% instead.

 4290575237

 4290575237

4294967295

 4288732778

 4294377404

 4286890576

 4294967256

 4285114166

 4294967285

 4283272218

 4281496064

 4279392512

 4278206720

 4278201088

 4278193920

 4290575237

 4290575237

 4289723244

 4291427230

 4288805715

 4292344759

 4287953722

 4293196752

 4287036193

 4294114281

 4286184200

 4294966271

 4285922048

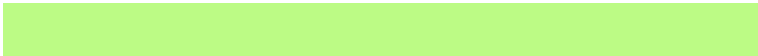
Harmonies

Analogous

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



4294830955



4290575237



4284809145

Triad

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



4290575237



4278254847



4294948315

Complementary

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



4290575237



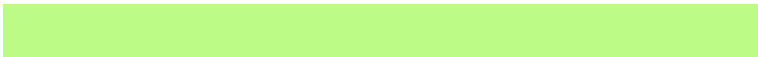
4291069435

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.



4294950399



4290575237



4288670463

Square

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



4290575237



4278255615



4294955775



4294951073

Rectangle

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



4290575237



4278255587



4294955775



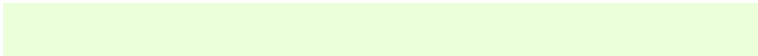
4294948591

Sweetspot

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



4290575237



4293722075



4294689925



4285825130



4278190080



4286611584

Same Dimension

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



4290575237



4289986416



4286970761



4285955440



4284005632



4280106240

Inverse Universe

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



4291069435



4290539775



4294673911



4286017661



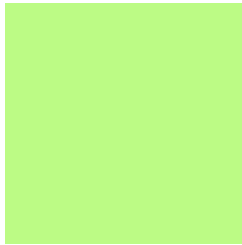
4284809405



4280352829

Previews

White Background



This preview shows how the Android color 4290575237 looks on a white background.

Color Contrast Check

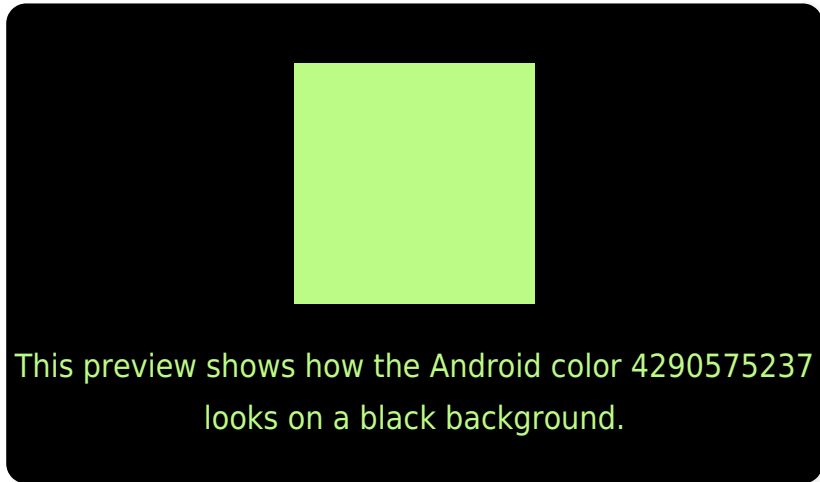
Large Text (above 18pt) WCAG AA × Fail

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 4290575237 Background



This preview shows how black text looks on a background with the Android color 4290575237.

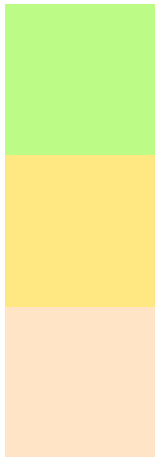


This preview shows how white text looks on a background with the Android color 4290575237.

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
4290575237

Protanopia
4294961281

Deuteranopia
4294960326



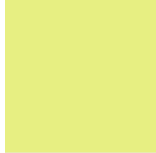
Tritanopia
4291816959

Trichromacy



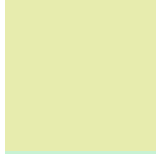
Original Color

4290575237



Protanomaly

4293390210



Deuteranomaly

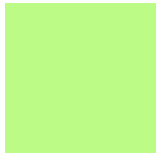
4293389486



Tritanomaly

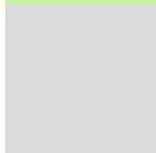
4291359443

Monochromacy



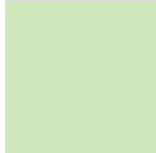
Original Color

4290575237



Achromatopsia

4292598747



Achromatomaly

4291880892

CSS Examples

Text

The CSS property to change the color of the text to Android 4290575237 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(188, 251, 133)` looks like.

```
.text, #text, p{  
    color:rgb(188, 251, 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(188, 251, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 251, 133) }
```

Border

The CSS property to change the border of an element to Android 4290575237 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(188, 251, 133) }
```

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

```
.border{ border-color:rgb(188, 251, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 251, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 251, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 251, 133);  
box-shadow:4px 4px 4px 4px rgb(188, 251,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4290575237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 251, 133) }
```

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

```
.background{ background-color: rgb(188,  
251, 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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