

Converting Colors

Android(4290576001)

Have a look what the booklet for
Android(4290576001) contains.

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Color

Android(4290576001)

Conversions

Conversions Part 1	
Format	Color
Hex	BCFE81
RGB	188, 254, 129
RGB Percent	74%, 100%, 51%
CMY	0.2627, 0.0039, 0.4941
CMYK	0.26, 0.00, 0.49, 0.00
HSL	92°, 98%, 75%
HSV	92°, 49%, 100%
XYZ	60.1433, 83.1600, 33.6505
YIQ	220.0160, 0.7890, -52.8670

Conversions

Conversions Part 2

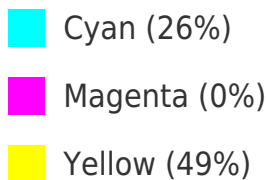
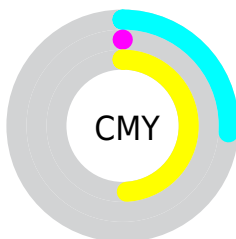
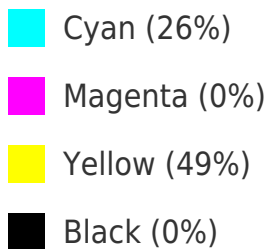
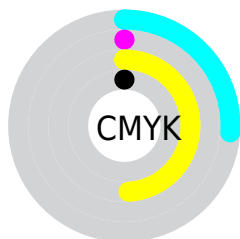
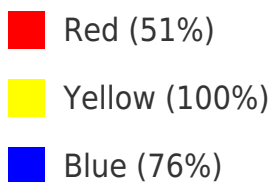
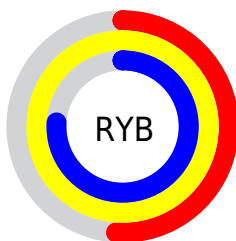
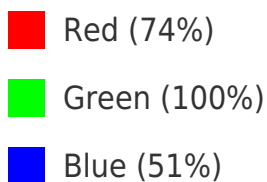
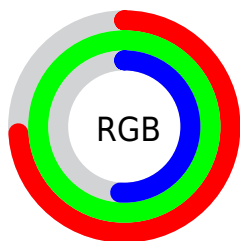
Format	Color
RYB	129, 254, 195
Decimal	12385921
CIELab	93.08, -40.93, 52.86
CIELCh	93, 66.853, 127.754
Yxy	83.1600, 0.3399, 0.4700
Android (android.graphics.Color)	4290576001 (0xFFBCFE81)
YUV	220.0160, -44.8709, -28.0780
Hunter-Lab	91.1921, -41.8613, 41.9561

Details

The Android color **4290576001** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **4291002878**, and the grayscale version is **4292664540**.

A 20% lighter version of the original color is **4294377400**, and **4286891340** is the 20% darker color. If you saturate the color by 10%, you get **4289724008**, and if you desaturate by 10%, it is **4291427994**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4290576001 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 4290576001 by changing the saturation by 10% instead.

 4290576001

 4290576001

4294967295

 4288733542

 4294377400

 4286891340

 4294967253

 4285049137

 4294967282

 4283207442

 4281365760

 4279130880

 4278207232

 4278201600

 4278194944

 4290576001

 4290576001

 4289724008

 4291427994

 4288806478

 4292345524

 4287954485

 4293197517

 4287036955

 4294115047

 4286184962

4294967039

 4286119424

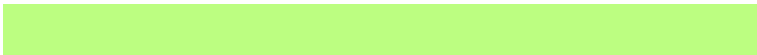
Harmonies

Analogous

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



4294962534



4290576001



4284284856

Triad

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



4290576001



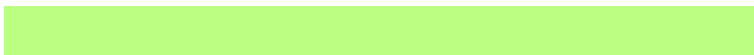
4278255615



4294948061

Complementary

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



4290576001



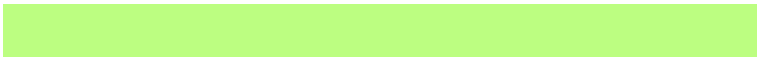
4291002878

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



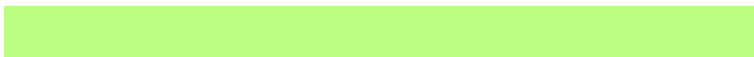
4290576001



4288277759

Square

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



4290576001



4278255615



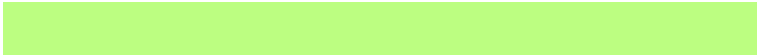
4294956287



4294950816

Rectangle

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



4290576001



4278255588



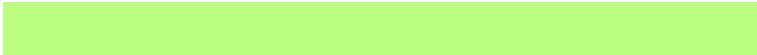
4294956287



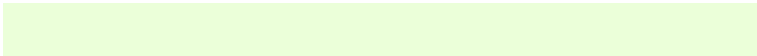
4294948083

Sweetspot

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



4290576001



4293656537



4294886017



4285759593



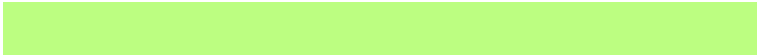
4278190080



4286611584

Same Dimension

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



4290576001



4289789801



4286709379



4286152819



4284137216



4280172544

Inverse Universe

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



4291002878



4290275839



4294869500



4286149504



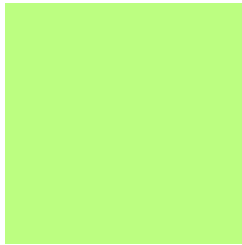
4284809407



4280418368

Previews

White Background



This preview shows how the Android color 4290576001 looks on a white background.

Color Contrast Check

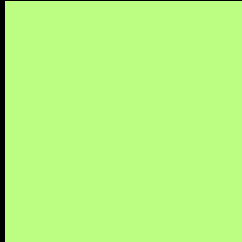
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4290576001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

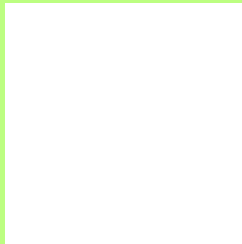
Any Text WCAG AAA ✓ Pass

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

Android 4290576001 Background



This preview shows how black text looks on a background with the Android color 4290576001.

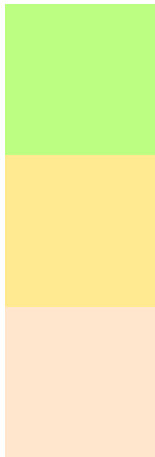


This preview shows how white text looks on a background with the Android color 4290576001.

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
4290576001

Protanopia
4294961810

Deuteranopia
4294960844



Tritanopia
4292145151

Trichromacy

	Original Color 4290576001
	Protanomaly 4293390732
	Deuteranomaly 4293390257
	Tritanomaly 4291556561

Monochromacy

	Original Color 4290576001
	Achromatopsia 4292664540
	Achromatomaly 4291881147

CSS Examples

Text

The CSS property to change the color of the text to Android 4290576001 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, 254, 129)` looks like.

```
.text, #text, p{  
    color:rgb(188, 254, 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(188, 254, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 254, 129) }
```

Border

The CSS property to change the border of an element to Android 4290576001 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, 254, 129) }
```

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

```
.border{ border-color:rgb(188, 254, 129) }
```

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

Here you see how a box with a 4 pixel rgb(188, 254, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 254, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 254, 129);  
box-shadow:4px 4px 4px 4px rgb(188, 254,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4290576001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 254, 129) }
```

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

```
.background{ background-color: rgb(188,  
254, 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](#).

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