

Converting Colors

Android(4290049937)

Have a look what the booklet for
Android(4290049937) contains.

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Color

Android(4290049937)

Conversions

Conversions Part 1

Format	Color
Hex	B4F791
RGB	180, 247, 145
RGB Percent	71%, 97%, 57%
CMY	0.2941, 0.0314, 0.4314
CMYK	0.27, 0.00, 0.41, 0.03
HSL	99°, 86%, 77%
HSV	99°, 41%, 97%
XYZ	57.1940, 78.2692, 38.8811
YIQ	215.3390, -7.1900, -45.9260

Conversions

Conversions Part 2

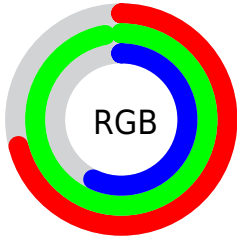
Format	Color
RYB	145, 247, 212
Decimal	11859857
CIELab	90.90, -38.66, 42.42
CIELCh	91, 57.398, 132.344
Yxy	78.2692, 0.3281, 0.4489
Android (android.graphics.Color)	4290049937 (0xFFB4F791)
YUV	215.3390, -34.6771, -30.9923
Hunter-Lab	88.4699, -39.4256, 35.8719

Details

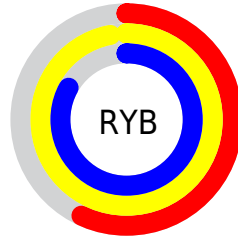
The Android color `4290049937` is a light color, and the websafe version is hex `CCFF99`. A complement of this color would be `4292121079`, and the grayscale version is `4292401368`.

A 20% lighter version of the original color is `4293853128`, and `4286430813` is the 20% darker color. If you saturate the color by 10%, you get `4289001336`, and if you desaturate by 10%, it is `4291098538`.

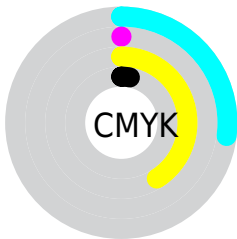
Distribution



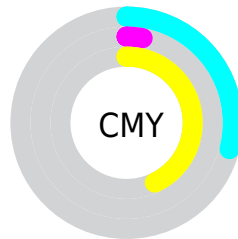
- Red (71%)
- Green (97%)
- Blue (57%)



- Red (57%)
- Yellow (97%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (41%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290049937 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 4290049937 by changing the saturation by 10% instead.

 4290049937

 4290049937

4294967295

 4288207478

 4293853128

 4286430813

 4294967269

 4284654403

 4282877994

 4281036302

 4278736384

 4278205952

 4278200320

 4278191616

 4290049937

 4290049937

 4289001336

 4291098538

 4287952736

 4292147138

 4286838599

 4293261275

 4285789998

 4294309876

 4284741398

 4294965247

 4283823872

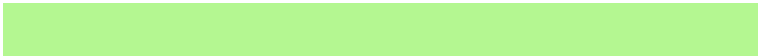
Harmonies

Analogous

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



4294044022



4290049937



4284874690

Triad

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



4290049937



4280612095



4294949072

Complementary

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



4290049937



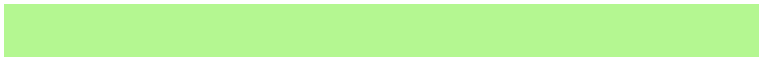
4292121079

Split Complementary

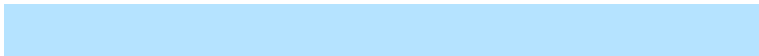
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294950143



4290049937



4290110463

Square

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



4290049937



4278255359



4294954751



4294951837

Rectangle

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



4290049937



4278255592



4294954751



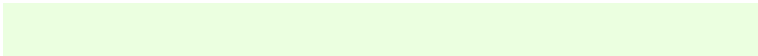
4294949091

Sweetspot

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



4290049937



4293656544



4294431633



4285825134



4278190080



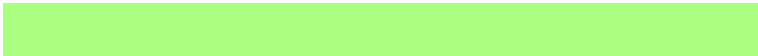
4286611584

Same Dimension

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



4290049937



4289462144



4287756192



4285692526



4282432000



4279515904

Inverse Universe

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



4292121079



4292051199



4294414824



4285951610



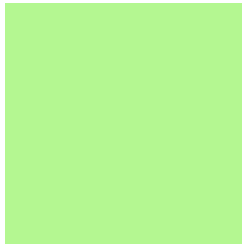
4286185658



4280746043

Previews

White Background



This preview shows how the Android color 4290049937 looks on a white background.

Color Contrast Check

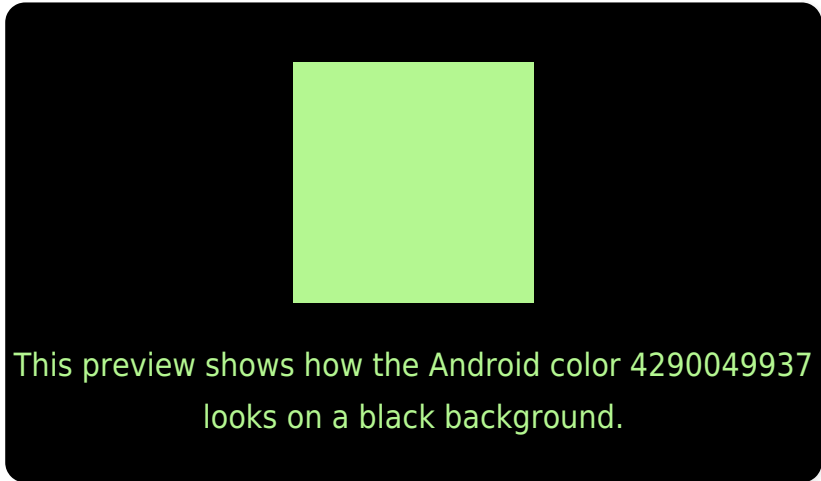
Large Text (above 18pt) WCAG AA × Fail

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 4290049937 Background



This preview shows how black text looks on a background with the Android color 4290049937.

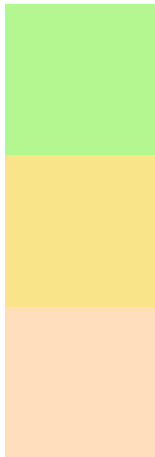


This preview shows how white text looks on a background with the Android color 4290049937.

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](#).

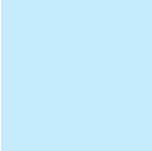
Dichromacy



Original Color
4290049937

Protanopia
4294567050

Deuteranopia
4294958781

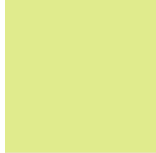


Tritanopia
4291160829

Trichromacy



Original Color
4290049937



Protanomaly
4292930445

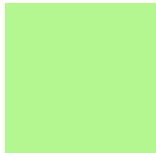


Deuteranomaly
4293191597

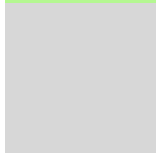


Tritanomaly
4290768854

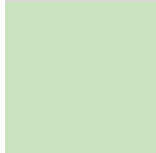
Monochromacy



Original Color
4290049937



Achromatopsia
4292335575



Achromatomaly
4291486654

CSS Examples

Text

The CSS property to change the color of the text to Android 4290049937 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(180, 247, 145)` looks like.

```
.text, #text, p{  
    color:rgb(180, 247, 145)  
}
```

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(180, 247, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 247, 145) }
```

Border

The CSS property to change the border of an element to Android 4290049937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

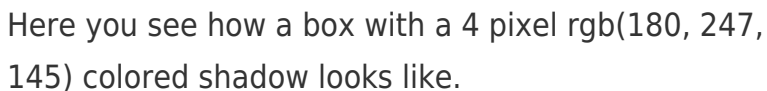
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 247, 145) }
```

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

```
.border{ border-color:rgb(180, 247, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 247, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 247, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 247, 145);  
box-shadow:4px 4px 4px 4px rgb(180, 247,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4290049937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 247, 145) }
```

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

```
.background{ background-color: rgb(180,  
247, 145) }
```

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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