

Converting Colors

Android(4290442311)

Have a look what the booklet for
Android(4290442311) contains.

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Color

Android(4290442311)

Conversions

Conversions Part 1

Format	Color
Hex	BAF447
RGB	186, 244, 71
RGB Percent	73%, 96%, 28%
CMY	0.2706, 0.0431, 0.7216
CMYK	0.24, 0.00, 0.71, 0.04
HSL	80°, 89%, 62%
HSV	80°, 71%, 96%
XYZ	53.7377, 75.5954, 17.7203
YIQ	206.9360, 20.9650, -66.0990

Conversions

Conversions Part 2

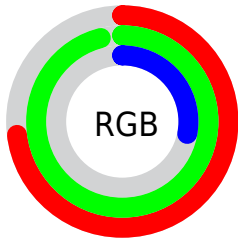
Format	Color
RYB	71, 244, 129
Decimal	12252231
CIELab	89.67, -42.03, 73.00
CIElCh	90, 84.235, 119.935
Yxy	75.5954, 0.3654, 0.5141
Android (android.graphics.Color)	4290442311 (0xFFBAF447)
YUV	206.9360, -67.0164, -18.3609
Hunter-Lab	86.9456, -41.8309, 48.7781

Details

The Android color `4290442311` is a light color, and the websafe version is hex `CCFF66`. The color can be described as light washed chartreuse. A complement of this color would be `4286662644`, and the grayscale version is `4291875024`.

A 20% lighter version of the original color is `4294377345`, and `4286626560` is the 20% darker color. If you saturate the color by 10%, you get `4289917999`, and if you desaturate by 10%, it is `4290966623`.

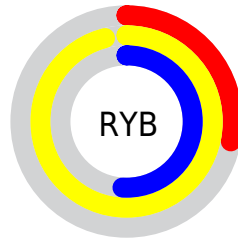
Distribution



Red (73%)

Green (96%)

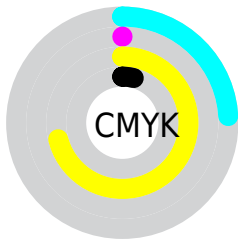
Blue (28%)



Red (28%)

Yellow (96%)

Blue (51%)

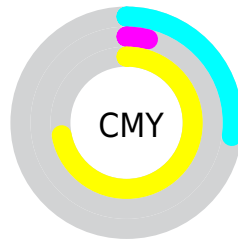


Cyan (24%)

Magenta (0%)

Yellow (71%)

Black (4%)



Cyan (27%)

Magenta (4%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290442311 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 4290442311 by changing the saturation by 10% instead.



4290442311



4290442311

4294967295



4288534309



4294377345



4286626560



4294967198



4284719104



4294967227



4282811904



4294967256



4280839168



4294967286



4278211328



4278205184



4278200064



4278190080

■ 4290442311

■ 4290442311

■ 4289917999

■ 4290966623

■ 4289393686

■ 4291490936

■ 4288869376

■ 4292080784

■ 4292605097

■ 4293129409

■ 4293653721

■ 4294178034

■ 4294702335

■ 4294964479

Harmonies

Analogous

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



4294958376



4290442311



4281532300

Triad

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



4290442311



4278255359



4294939877

Complementary

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



4290442311



4286662644

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.



4294945279



4290442311



4278250495

Square

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



4290442311



4278255615



4292922623



4294942614

Rectangle

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



4290442311



4278255555



4292922623



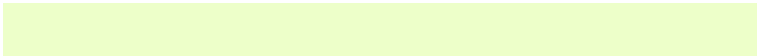
4294940671

Sweetspot

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



4290442311



4293787593



4294213959



4285890656



4278190080



4286611584

Same Dimension

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



4290442311



4290182950



4284806215



4285954670



4286364160



4280761088

Inverse Universe

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



4286662644



4285474559



4292298740



4285689466



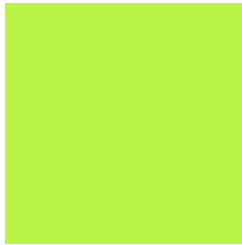
4282253498



4279500859

Previews

White Background



This preview shows how the Android color 4290442311 looks on a white background.

Color Contrast Check

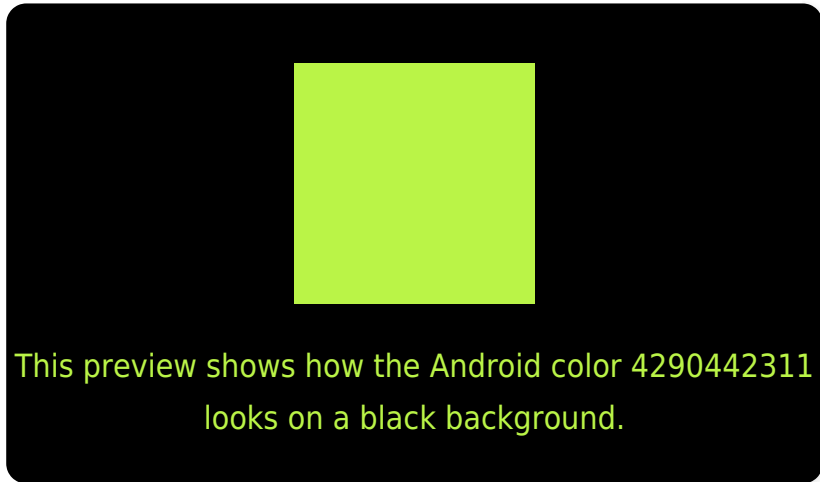
Large Text (above 18pt) WCAG AA × Fail

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 4290442311 Background



This preview shows how black text looks on a background with the Android color 4290442311.



This preview shows how white text looks on a background with the Android color 4290442311.

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](#).

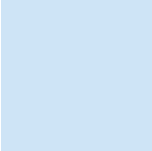
Dichromacy



Original Color
4290442311

Protanopia
4294762818

Deuteranopia
4294957994

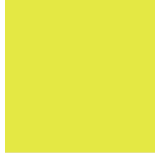


Tritanopia
4291749110

Trichromacy



Original Color
4290442311



Protanomaly
4293191748



Deuteranomaly
4293321862

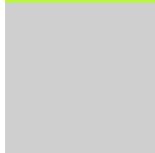


Tritanomaly
4291291830

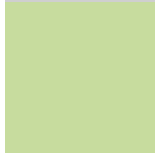
Monochromacy



Original Color
4290442311



Achromatopsia
4291809231



Achromatomaly
4291288222

CSS Examples

Text

The CSS property to change the color of the text to Android 4290442311 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, 244, 71)` looks like.

```
.text, #text, p{  
    color:rgb(186, 244, 71)  
}
```

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, 244, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 244, 71) }
```

Border

The CSS property to change the border of an element to Android 4290442311 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, 244, 71) }
```

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

```
.border{ border-color:rgb(186, 244, 71) }
```

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

Here you see how a box with a 4 pixel rgb(186, 244, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 244, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 244, 71);  
box-shadow:4px 4px 4px 4px rgb(186, 244,  
71) }
```

Background

The CSS property to change the background color of an element to Android 4290442311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 244, 71) }
```

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

```
.background{ background-color: rgb(186,  
244, 71) }
```

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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