

Converting Colors

Android(4290112834)

Have a look what the booklet for
Android(4290112834) contains.

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Color

Android(4290112834)

Conversions

Conversions Part 1

Format	Color
Hex	B5ED42
RGB	181, 237, 66
RGB Percent	71%, 93%, 26%
CMY	0.2902, 0.0706, 0.7412
CMYK	0.24, 0.00, 0.72, 0.07
HSL	80°, 83%, 59%
HSV	80°, 72%, 93%
XYZ	50.3236, 70.7855, 16.1649
YIQ	200.7620, 21.5150, -65.0530

Conversions

Conversions Part 2

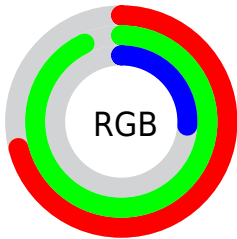
Format	Color
RYB	66, 237, 122
Decimal	11922754
CIELab	87.38, -41.11, 72.34
CIElCh	87, 83.206, 119.609
Yxy	70.7855, 0.3666, 0.5157
Android (android.graphics.Color)	4290112834 (0xFFB5ED42)
YUV	200.7620, -66.4377, -17.3313
Hunter-Lab	84.1341, -40.4675, 47.5023

Details

The Android color `4290112834` is a light color, and the websafe version is hex `CCFF66`. The color can be described as light muted chartreuse. A complement of this color would be `4286202605`, and the grayscale version is `4291414473`.

A 20% lighter version of the original color is `4293984124`, and `4286297344` is the 20% darker color. If you saturate the color by 10%, you get `4289588522`, and if you desaturate by 10%, it is `4290637146`.

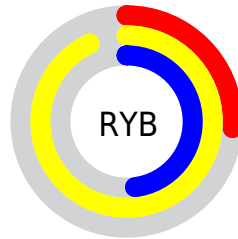
Distribution



Red (71%)

Green (93%)

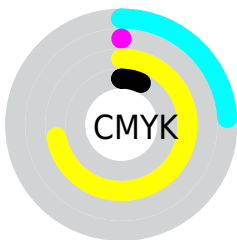
Blue (26%)



Red (26%)

Yellow (93%)

Blue (48%)

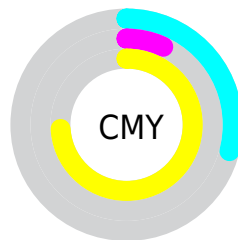


Cyan (24%)

Magenta (0%)

Yellow (72%)

Black (7%)



Cyan (29%)

Magenta (7%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290112834 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 4290112834 by changing the saturation by 10% instead.

 4290112834

 4290112834

4294967295

 4288205087

 4293984124

 4286297344

 4294967193

 4284455424

 4294967222

 4282548224

 4294967251

 4280509952

 4294967280

 4278210048

 4278203904

 4278198528

 4278190080

■ 4290112834

■ 4290112834

■ 4289588522

■ 4290637146

■ 4289064211

■ 4291161457

■ 4288670976

■ 4291620233

■ 4292144545

■ 4292668856

■ 4293193168

■ 4293651944

■ 4294176255

■ 4294700543

Harmonies

Analogous

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



4294956835



4290112834



4281334407

Triad

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



4290112834



4278253567



4294938335

Complementary

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



4290112834



4286202605

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.



4294943743



4290112834



4278248703

Square

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



4290112834



4278255615



4292396799



4294941074

Rectangle

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



4290112834



4278255548



4292396799



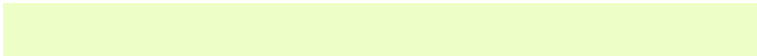
4294939386

Sweetspot

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



4290112834



4293787591



4293752898



4285890654



4278190080



4286611584

Same Dimension

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



4290112834



4290182945



4284607810



4285625706



4286231808



4280563200

Inverse Universe

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



4286202605



4285145599



4291707629



4285360757



4282056885



4279369782

Previews

White Background



This preview shows how the Android color 4290112834 looks on a white background.

Color Contrast Check

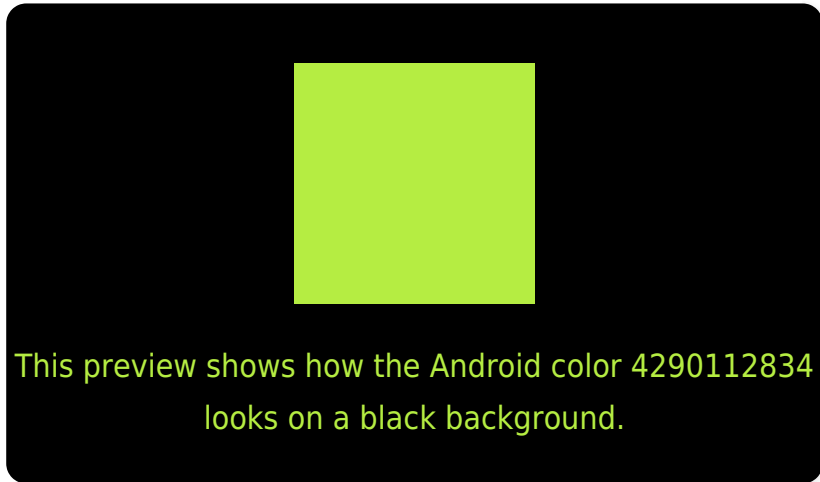
Large Text (above 18pt) WCAG AA × Fail

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 4290112834 Background



This preview shows how black text looks on a background with the Android color 4290112834.



This preview shows how white text looks on a background with the Android color 4290112834.

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





Tritanopia
4291419631

Trichromacy



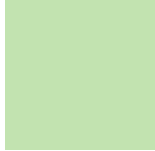
Original Color
4290112834



Protanomaly
4292796991



Deuteranomaly
4293188726

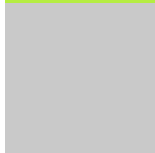


Tritanomaly
4290962352

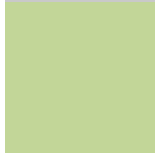
Monochromacy



Original Color
4290112834



Achromatopsia
4291414473



Achromatomaly
4290959000

CSS Examples

Text

The CSS property to change the color of the text to Android 4290112834 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(181, 237, 66)` looks like.

```
.text, #text, p{  
    color:rgb(181, 237, 66)  
}
```

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(181, 237, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 237, 66) }
```

Border

The CSS property to change the border of an element to Android 4290112834 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(181, 237, 66) }
```

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

```
.border{ border-color:rgb(181, 237, 66) }
```

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

Here you see how a box with a 4 pixel rgb(181, 237, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 237, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 237, 66);  
box-shadow:4px 4px 4px 4px rgb(181, 237,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4290112834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 237, 66) }
```

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

```
.background{ background-color: rgb(181,  
237, 66) }
```

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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