

Converting Colors

Android(4290243895)

Have a look what the booklet for
Android(4290243895) contains.

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Color

Android(4290243895)

Conversions

Conversions Part 1

Format	Color
Hex	B7ED37
RGB	183, 237, 55
RGB Percent	72%, 93%, 22%
CMY	0.2824, 0.0706, 0.7843
CMYK	0.23, 0.00, 0.77, 0.07
HSL	78°, 83%, 57%
HSV	78°, 77%, 93%
XYZ	50.5022, 70.9115, 14.6400
YIQ	200.1060, 26.2380, -68.0500

Conversions

Conversions Part 2

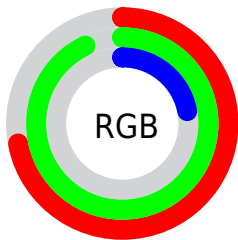
Format	Color
RYB	55, 237, 109
Decimal	12053815
CIELab	87.44, -40.90, 75.89
CIELCh	87, 86.206, 118.321
Yxy	70.9115, 0.3712, 0.5212
Android (android.graphics.Color)	4290243895 (0xFFB7ED37)
YUV	200.1060, -71.5373, -15.0020
Hunter-Lab	84.2090, -40.3148, 48.6385

Details

The Android color **4290243895** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **4285347821**, and the grayscale version is **4291414473**.

A 20% lighter version of the original color is **4294180724**, and **4286428416** is the 20% darker color. If you saturate the color by 10%, you get **4289785119**, and if you desaturate by 10%, it is **4290702671**.

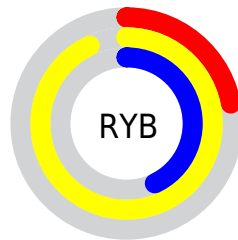
Distribution



Red (72%)

Green (93%)

Blue (22%)



Red (22%)

Yellow (93%)

Blue (43%)

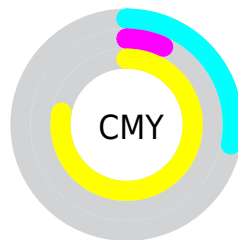


Cyan (23%)

Magenta (0%)

Yellow (77%)

Black (7%)



Cyan (28%)

Magenta (7%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290243895 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 4290243895 by changing the saturation by 10% instead.



4290243895



4290243895

4294967295



4288336136



4294180724



4286428416



4294967185



4284520960



4294967213



4282613760



4294967243



4280575488



4294967272



4278210048



4278203904



4278198528



4278190080

■ 4290243895

■ 4290243895

■ 4289785119

■ 4290702671

■ 4289326344

■ 4291161446

■ 4289195264

■ 4291620222

■ 4292078998

■ 4292537774

■ 4292996549

■ 4293455325

■ 4293914101

■ 4294372863

Harmonies

Analogous

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



4294956562



4290243895



4281072512

Triad

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



4290243895



4278254079



4294937315

Complementary

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



4290243895



4285347821

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.



4294943487



4290243895



4278249215

Square

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



4290243895



4278255615



4291938303



4294940050

Rectangle

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



4290243895



4278255543



4291938303



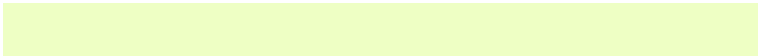
4294938623

Sweetspot

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



4290243895



4293853124



4293749559



4285890652



4278190080



4286611584

Same Dimension

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



4290243895



4290379540



4284411191



4285691242



4286559488



4280694272

Inverse Universe

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



4285347821



4284093695



4291180525



4285360757



4281729205



4279238710

Previews

White Background



This preview shows how the Android color 4290243895 looks on a white background.

Color Contrast Check

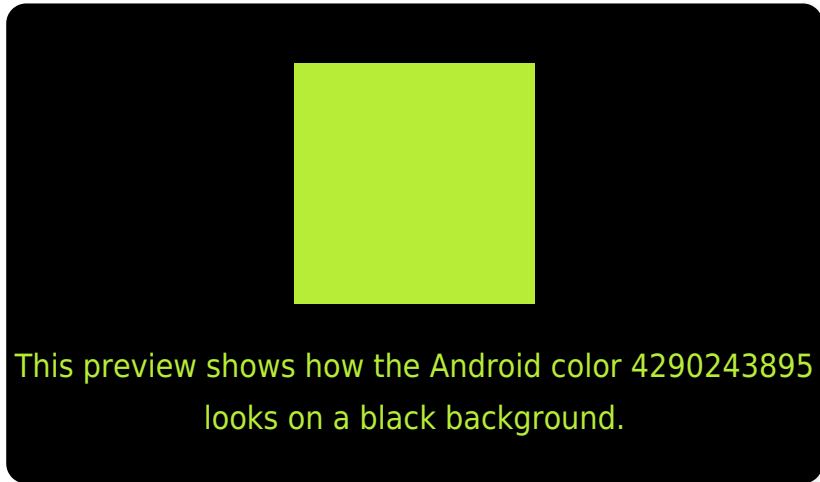
Large Text (above 18pt) WCAG AA × Fail

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 4290243895 Background



This preview shows how black text looks on a background with the Android color 4290243895.

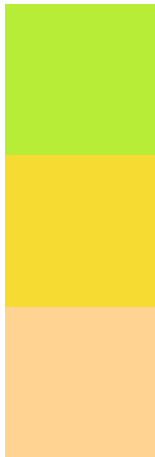


This preview shows how white text looks on a background with the Android color 4290243895.

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

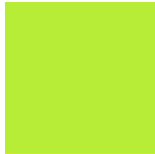


Original Color
[4290243895](#)

Protanopia
[4294302514](#)

Deuteranopia
[4294955922](#)

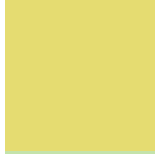
Trichromacy



Original Color
4290243895



Protanomaly
4292796980



Deuteranomaly
4293254257

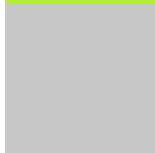


Tritanomaly
4291093419

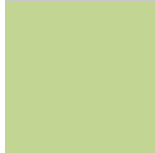
Monochromacy



Original Color
4290243895



Achromatopsia
4291348680



Achromatomaly
4290958739

CSS Examples

Text

The CSS property to change the color of the text to Android 4290243895 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(183, 237, 55)` looks like.

```
.text, #text, p{  
    color:rgb(183, 237, 55)  
}
```

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(183, 237, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 237, 55) }
```

Border

The CSS property to change the border of an element to Android 4290243895 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(183, 237, 55) }
```

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

```
.border{ border-color:rgb(183, 237, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 237, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 237, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 237, 55);  
box-shadow:4px 4px 4px 4px rgb(183, 237,  
55) }
```

Background

The CSS property to change the background color of an element to Android 4290243895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 237, 55) }
```

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

```
.background{ background-color: rgb(183,  
237, 55) }
```

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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