

Converting Colors

Android(4290041901)

Have a look what the booklet for
Android(4290041901) contains.

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Color

Android(4290041901)

Conversions

Conversions Part 1

Format	Color
Hex	B4D82D
RGB	180, 216, 45
RGB Percent	71%, 85%, 18%
CMY	0.2941, 0.1529, 0.8235
CMYK	0.17, 0.00, 0.79, 0.15
HSL	73°, 69%, 51%
HSV	73°, 79%, 85%
XYZ	43.8519, 59.0045, 11.5604
YIQ	185.7420, 33.4350, -60.8130

Conversions

Conversions Part 2

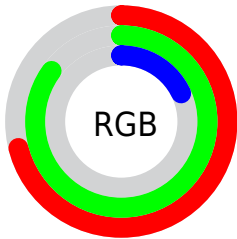
Format	Color
RYB	45, 216, 81
Decimal	11851821
CIELab	81.29, -33.02, 73.04
CIElCh	81, 80.160, 114.323
Yxy	59.0045, 0.3833, 0.5157
Android (android.graphics.Color)	4290041901 (0xFFB4D82D)
YUV	185.7420, -69.3858, -5.0357
Hunter-Lab	76.8144, -32.5228, 44.8471

Details

The Android color `4290041901` is a dark color, and the websafe version is hex `99CC00`. The color can be described as middle washed chartreuse. A complement of this color would be `4283510232`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4293918570`, and `4286292224` is the 20% darker color. If you saturate the color by 10%, you get `4289714199`, and if you desaturate by 10%, it is `4290369603`.

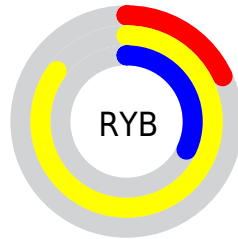
Distribution



Red (71%)

Green (85%)

Blue (18%)



Red (18%)

Yellow (85%)

Blue (32%)

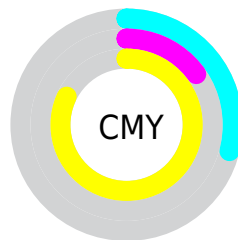


Cyan (17%)

Magenta (0%)

Yellow (79%)

Black (15%)



Cyan (29%)


















Magenta (15%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290041901 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 4290041901 by changing the saturation by 10% instead.

 4290041901	 4290041901
4294967295	 4288134144
 4293918570	 4286292224
 4294967174	 4284385024
 4294967203	 4282608896
 4294967232	 4280636672
 4294967261	 4278271232
 4294967291	 4278200064
	 4278192384
	 4278190080

■ 4290041901

■ 4290041901

■ 4289714199

■ 4290369603

■ 4289452034

■ 4290631768

■ 4289452032

■ 4290959470

■ 4291221635

■ 4291549337

■ 4291811503

■ 4292139204

■ 4292401370

■ 4292729071

Harmonies

Analogous

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



4294754587



4290041901



4283098733

Triad

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



4290041901



4278249471



4294935004

Complementary

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



4290041901



4283510232

Split Complementary

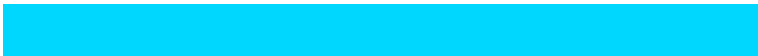
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294941439



4290041901



4278245375

Square

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



4290041901



4278251007



4289707263



4294936465

Rectangle

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



4290041901



4278250399



4289707263



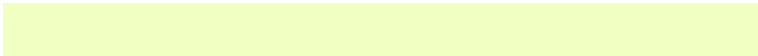
4294936565

Sweetspot

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



4290041901



4294115266



4292366125



4286087259



4278190080



4286611584

Same Dimension

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



4290041901



4291624717



4284536877



4285098848



4287081216



4280429312

Inverse Universe

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



4283510232



4282387967



4289015256



4284702827



4280549547



4278779947

Previews

White Background



This preview shows how the Android color 4290041901 looks on a white background.

Color Contrast Check

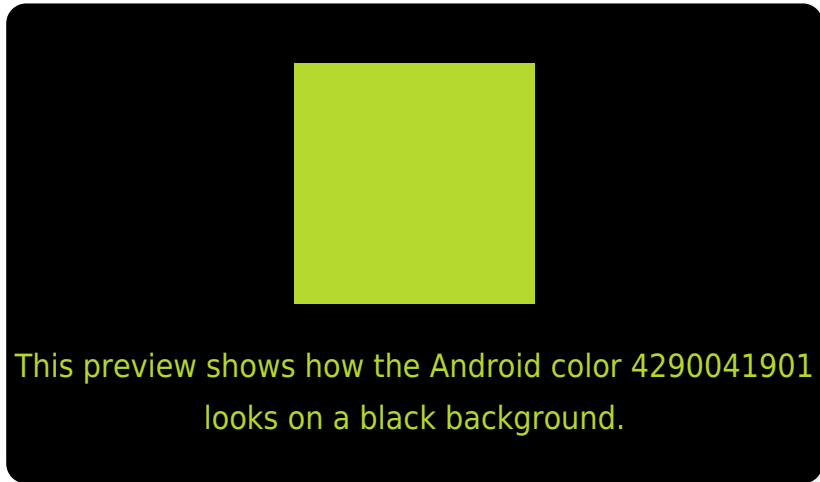
Large Text (above 18pt) WCAG AA × Fail

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 4290041901 Background



This preview shows how black text looks on a background with the Android color 4290041901.



This preview shows how white text looks on a background with the Android color 4290041901.

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](#).

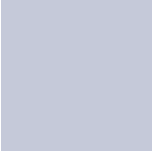
Dichromacy



Original Color
4290041901

Protanopia
4293118505

Deuteranopia
4294819641



Tritanopia
4291152345

Trichromacy



Original Color
4290041901

Protanomaly
4292005674

Deuteranomaly
4293052469

Tritanomaly
4290760346

Monochromacy



Original Color
4290041901

Achromatopsia
4290427578

Achromatomaly
4290299271

CSS Examples

Text

The CSS property to change the color of the text to Android 4290041901 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, 216, 45)` looks like.

```
.text, #text, p{  
    color:rgb(180, 216, 45)  
}
```

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, 216, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 216, 45) }
```

Border

The CSS property to change the border of an element to Android 4290041901 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, 216, 45) }
```

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

```
.border{ border-color:rgb(180, 216, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 216, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 216, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 216, 45);  
box-shadow:4px 4px 4px 4px rgb(180, 216,  
45) }
```

Background

The CSS property to change the background color of an element to Android 4290041901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 216, 45) }
```

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

```
.background{ background-color: rgb(180,  
216, 45) }
```

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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