

Converting Colors

Android(4291029298)

Have a look what the booklet for
Android(4291029298) contains.

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Color

Android(4291029298)

Conversions

Conversions Part 1

Format	Color
Hex	C3E932
RGB	195, 233, 50
RGB Percent	76%, 91%, 20%
CMY	0.2353, 0.0863, 0.8039
CMYK	0.16, 0.00, 0.79, 0.09
HSL	72°, 81%, 55%
HSV	72°, 79%, 91%
XYZ	52.2203, 70.1102, 13.7979
YIQ	200.7760, 36.0950, -64.9690

Conversions

Conversions Part 2

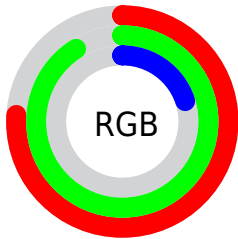
Format	Color
RYB	50, 233, 88
Decimal	12839218
CIELab	87.05, -34.67, 77.22
CIELCh	87, 84.643, 114.180
Yxy	70.1102, 0.3836, 0.5150
Android (android.graphics.Color)	4291029298 (0xFFC3E932)
YUV	200.7760, -74.3326, -5.0656
Hunter-Lab	83.7318, -35.2072, 48.8421

Details

The Android color `4291029298` is a light color, and the websafe version is hex `CCFF33`. The color can be described as light washed yellow. A complement of this color would be `4283970281`, and the grayscale version is `4291414473`.

A 20% lighter version of the original color is `4294967152`, and `4287213824` is the 20% darker color. If you saturate the color by 10%, you get `4290701595`, and if you desaturate by 10%, it is `4291357001`.

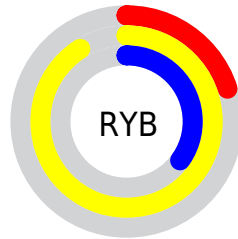
Distribution



Red (76%)

Green (91%)

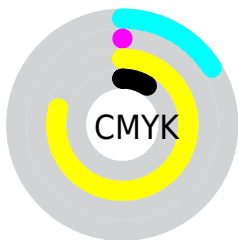
Blue (20%)



Red (20%)

Yellow (91%)

Blue (35%)

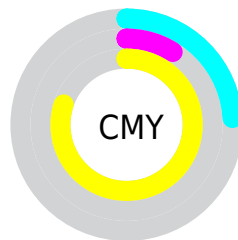


Cyan (16%)

Magenta (0%)

Yellow (79%)

Black (9%)



Cyan (24%)

















Magenta (9%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291029298 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 4291029298 by changing the saturation by 10% instead.

 4291029298	 4291029298
4294967295	 4289121536
 4294967152	 4287213824
 4294967181	 4285306368
 4294967210	 4283464704
 4294967239	 4281557760
 4294967268	 4279388928
	 4278203392
	 4278198272
	 4278190080

■ 4291029298

■ 4291029298

■ 4290701595

■ 4291357001

■ 4290373891

■ 4291684705

■ 4290373888

■ 4292012408

■ 4292274575

■ 4292602279

■ 4292929982

■ 4293257685

■ 4293585388

■ 4293913087

Harmonies

Analogous

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



4294955295



4291029298



4283627638

Triad

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



4291029298



4278254079



4294938093

Complementary

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



4291029298



4283970281

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.



4294944767



4291029298



4278249727

Square

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



4291029298



4278255615



4290563071



4294939293

Rectangle

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



4291029298



4278255019



4290563071



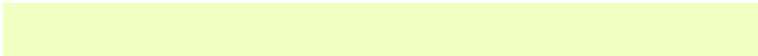
4294939647

Sweetspot

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



4291029298



4294115266



4293482290



4286087259



4278190080



4286611584

Same Dimension

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



4291029298



4291690255



4285131058



4285756778



4287608064



4280956416

Inverse Universe

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



4283970281



4282454015



4289868521



4285295221



4280680629



4278911030

Previews

White Background



This preview shows how the Android color 4291029298 looks on a white background.

Color Contrast Check

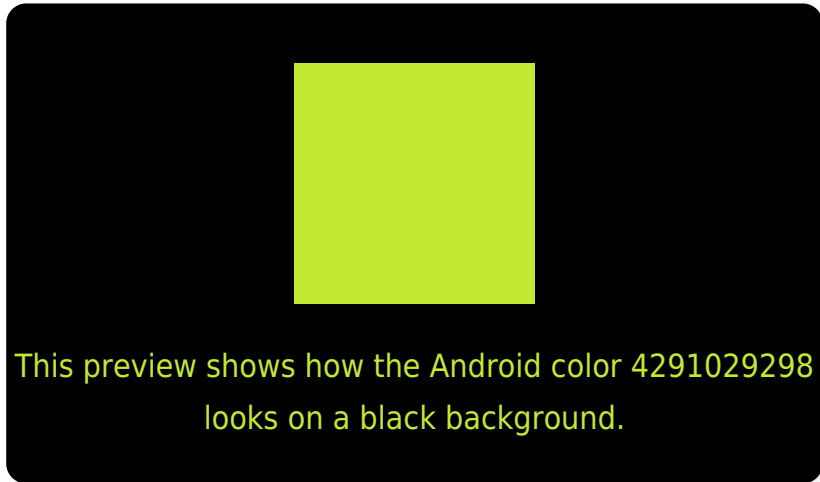
Large Text (above 18pt) WCAG AA × Fail

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 4291029298 Background



This preview shows how black text looks on a background with the Android color 4291029298.



This preview shows how white text looks on a background with the Android color 4291029298.

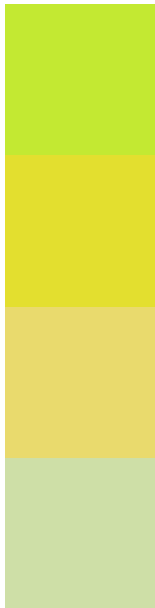
Color Blindness Simulation

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



Trichromacy



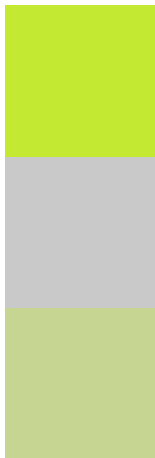
Original Color
4291029298

Protanomaly
4293123887

Deuteranomaly
4293515885

Tritanomaly
4291747751

Monochromacy



Original Color
4291029298

Achromatopsia
4291414473

Achromatomaly
4291286418

CSS Examples

Text

The CSS property to change the color of the text to Android 4291029298 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(195, 233, 50)` looks like.

```
.text, #text, p{  
    color:rgb(195, 233, 50)  
}
```

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(195, 233, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 233, 50) }
```

Border

The CSS property to change the border of an element to Android 4291029298 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(195, 233, 50) }
```

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

```
.border{ border-color:rgb(195, 233, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 233, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 233, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 233, 50);  
box-shadow:4px 4px 4px 4px rgb(195, 233,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4291029298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 233, 50) }
```

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

```
.background{ background-color: rgb(195,  
233, 50) }
```

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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