

Converting Colors

Android(4291491401)

Have a look what the booklet for
Android(4291491401) contains.

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Color

Android(4291491401)

Conversions

Conversions Part 1

Format	Color
Hex	CAF649
RGB	202, 246, 73
RGB Percent	79%, 96%, 29%
CMY	0.2078, 0.0353, 0.7137
CMYK	0.18, 0.00, 0.70, 0.04
HSL	75°, 91%, 63%
HSV	75°, 70%, 96%
XYZ	58.5155, 78.9491, 18.4579
YIQ	213.1220, 29.3090, -63.1310

Conversions

Conversions Part 2

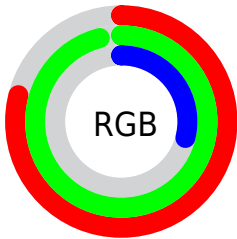
Format	Color
RYB	73, 246, 117
Decimal	13301321
CIELab	91.21, -36.77, 74.16
CIElCh	91, 82.772, 116.372
Yxy	78.9491, 0.3753, 0.5063
Android (android.graphics.Color)	4291491401 (0xFFCAF649)
YUV	213.1220, -69.0801, -9.7540
Hunter-Lab	88.8533, -37.9399, 49.8807

Details

The Android color `4291491401` is a light color, and the websafe version is hex `CCFF66`. The color can be described as light washed yellow. A complement of this color would be `4285876726`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294967171`, and `4287675904` is the 20% darker color. If you saturate the color by 10%, you get `4291098160`, and if you desaturate by 10%, it is `4291884642`.

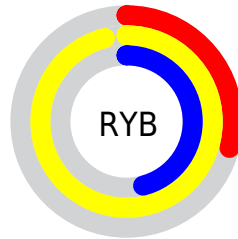
Distribution



Red (79%)

Green (96%)

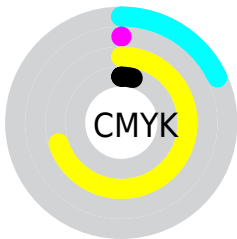
Blue (29%)



Red (29%)

Yellow (96%)

Blue (46%)

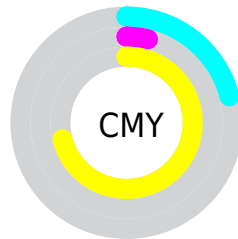


Cyan (18%)

Magenta (0%)

Yellow (70%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291491401 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 4291491401 by changing the saturation by 10% instead.



4291491401



4291491401

4294967295



4289583400



4294967171



4287675904



4294967200



4285768192



4294967229



4283926528



4294967258



4282084864



4294967288



4279916032



4278205952



4278200320



4278192128

■ 4291491401

■ 4291491401

■ 4291098160

■ 4291884642

■ 4290639384

■ 4292343418

■ 4290246144

■ 4292736659

■ 4293129899

■ 4293523140

■ 4293981917

■ 4294375157

■ 4294768383

■ 4294964991

Harmonies

Analogous

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



4294958901



4291491401



4284153737

Triad

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



4291491401



4278255615



4294941683

Complementary

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



4291491401



4285876726

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.



4294947583



4291491401



4278252287

Square

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



4291491401



4278255615



4292204031



4294943396

Rectangle

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



4291491401



4278255550



4292204031



4294942975

Sweetspot

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



4291491401



4294049737



4294341705



4286021728



4278190080



4286611584

Same Dimension

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



4291491401



4291428137



4285855305



4286020206



4287347200



4281088768

Inverse Universe

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



4285876726



4284426751



4291512822



4285623930



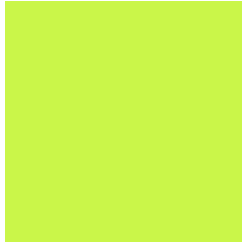
4281270458



4279173179

Previews

White Background



This preview shows how the Android color 4291491401 looks on a white background.

Color Contrast Check

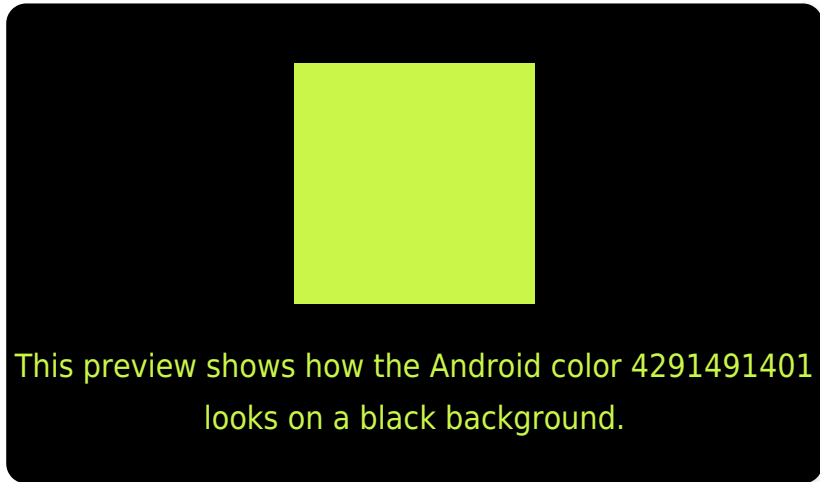
Large Text (above 18pt) WCAG AA × Fail

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 4291491401 Background



This preview shows how black text looks on a background with the Android color 4291491401.

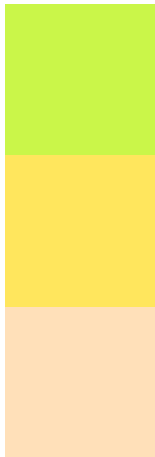


This preview shows how white text looks on a background with the Android color 4291491401.

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

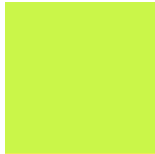


Original Color
4291491401

Protanopia
4294960733

Deuteranopia
4294959289

Trichromacy



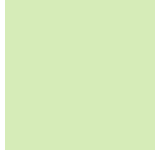
Original Color
4291491401



Protanomaly
4293717078



Deuteranomaly
4293716112

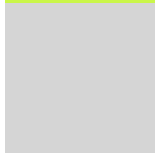


Tritanomaly
4292275384

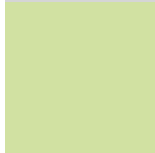
Monochromacy



Original Color
4291491401



Achromatopsia
4292203989



Achromatomaly
4291944866

CSS Examples

Text

The CSS property to change the color of the text to Android 4291491401 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(202, 246, 73)` looks like.

```
.text, #text, p{  
    color:rgb(202, 246, 73)  
}
```

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(202, 246, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 246, 73) }
```

Border

The CSS property to change the border of an element to Android 4291491401 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(202, 246, 73) }
```

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

```
.border{ border-color:rgb(202, 246, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 246, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 246, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 246, 73);  
box-shadow:4px 4px 4px 4px rgb(202, 246,  
73) }
```

Background

The CSS property to change the background color of an element to Android 4291491401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 246, 73) }
```

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

```
.background{ background-color: rgb(202,  
246, 73) }
```

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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