

Converting Colors

Android(4294171149)

Have a look what the booklet for
Android(4294171149) contains.

Android(4294171149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4294171149)

Conversions

Conversions Part 1

Format	Color
Hex	F3DA0D
RGB	243, 218, 13
RGB Percent	95%, 85%, 5%
CMY	0.0471, 0.1451, 0.9490
CMYK	0.00, 0.10, 0.95, 0.05
HSL	53°, 91%, 50%
HSV	53°, 95%, 95%
XYZ	62.1062, 69.2266, 10.4695
YIQ	202.1050, 80.7050, -58.4550

Conversions

Conversions Part 2

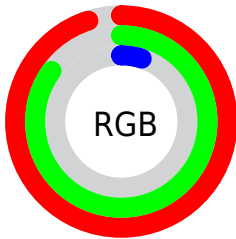
Format	Color
R _Y B	41, 243, 13
Decimal	15981069
CIE Lab	86.62, -8.43, 85.30
CIE LCh	87, 85.714, 95.645
Yxy	69.2266, 0.4380, 0.4882
Android (android.graphics.Color)	4294171149 (0xFF3DA0D)
YUV	202.1050, -93.2288, 35.8649
Hunter-Lab	83.2025, -12.3637, 50.7812

Details

The Android color **4294171149** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **4279052019**, and the grayscale version is **4291546059**.

A 20% lighter version of the original color is **4294967132**, and **4290159616** is the 20% darker color. If you saturate the color by 10%, you get **4294170880**, and if you desaturate by 10%, it is **4294171941**.

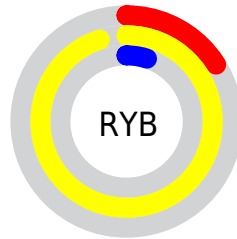
Distribution



Red (95%)

Green (85%)

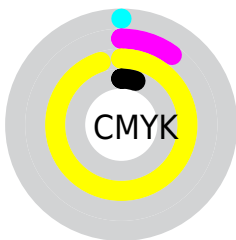
Blue (5%)



Red (16%)

Yellow (95%)

Blue (5%)

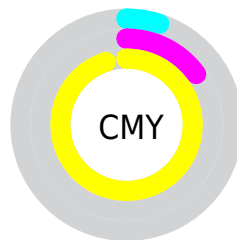


Cyan (0%)

Magenta (10%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294171149 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 4294171149 by changing the saturation by 10% instead.



4294171149



4294171149

4294967295



4292132352



4294967132



4290159616



4294967162



4288186880



4294967191



4286279680



4294967221



4284372992



4294967250



4282597632



4294967280



4280953856



4279179264



4278190080

■ 4294171149

■ 4294171149

■ 4294170880

■ 4294171941

■ 4294172478

■ 4294173270

■ 4294174062

■ 4294174599

■ 4294175391

■ 4294175927

■ 4294176719

■ 4294177512

Harmonies

Analogous

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



4294949947



4294171149



4288606022

Triad

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



4294171149



4278255103



4294940927

Complementary

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



4294171149



4279052019

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.



4293836031



4294171149



4278252543

Square

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



4294171149



4278255590



4278246911



4294936525

Rectangle

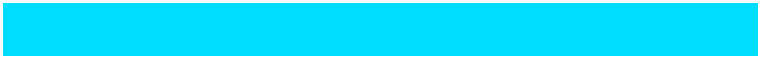
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294171149



4282644343



4278246911



4294943743

Sweetspot

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



4294171149



4294965176



4294118696



4286610260



4278190080



4286611584

Same Dimension

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



4294171149



4294959872



4288410381



4286216558



4290422272



4282070016

Inverse Universe

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



4279052019



4278197503



4284812787



4285427578



4278195386



4278191675

Previews

White Background



This preview shows how the Android color 4294171149 looks on a white background.

Color Contrast Check

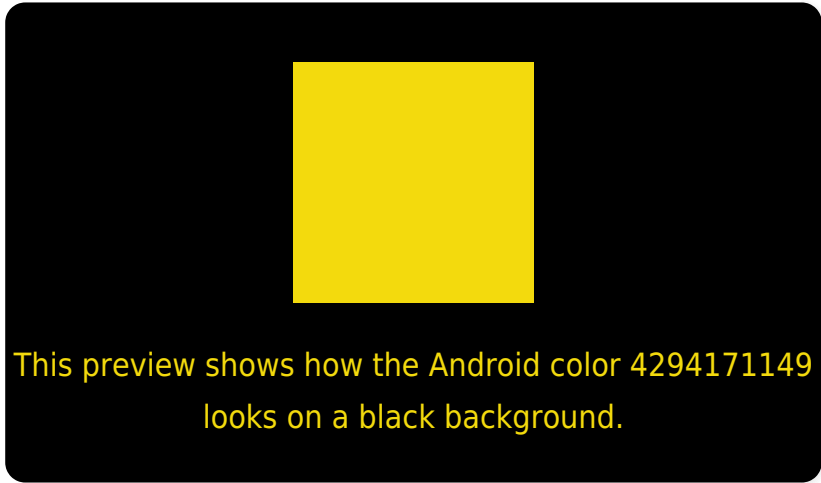
Large Text (above 18pt) WCAG AA × Fail

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 4294171149 Background



This preview shows how black text looks on a background with the Android color 4294171149.

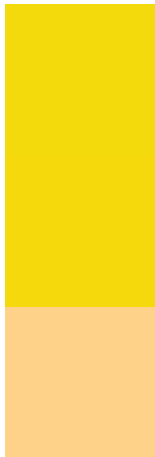


This preview shows how white text looks on a background with the Android color 4294171149.

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
4294171149

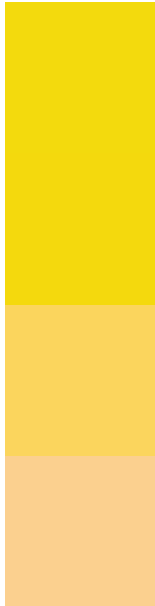
Protanopia
4294301965

Deuteranopia
4294955658



Tritanopia
4294953946

Trichromacy



Original Color
4294171149

Protanomaly
4294236429

Deuteranomaly
4294694237

Tritanomaly
4294693007

Monochromacy



Original Color
4294171149

Achromatopsia
4291480266

Achromatomaly
4292464773

CSS Examples

Text

The CSS property to change the color of the text to Android 4294171149 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(243, 218, 13)` looks like.

```
.text, #text, p{  
    color:rgb(243, 218, 13)  
}
```

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(243, 218, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 218, 13) }
```

Border

The CSS property to change the border of an element to Android 4294171149 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(243, 218, 13) }
```

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

```
.border{ border-color:rgb(243, 218, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 218, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 218, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 218, 13);  
box-shadow:4px 4px 4px 4px rgb(243, 218,  
13) }
```

Background

The CSS property to change the background color of an element to Android 4294171149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 218, 13) }
```

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

```
.background{ background-color: rgb(243,  
218, 13) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor