

Converting Colors

Android(4293706018)

Have a look what the booklet for
Android(4293706018) contains.

Android(4293706018)	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(4293706018)

Conversions

Conversions Part 1

Format	Color
Hex	ECC122
RGB	236, 193, 34
RGB Percent	93%, 76%, 13%
CMY	0.0745, 0.2431, 0.8667
CMYK	0.00, 0.18, 0.86, 0.07
HSL	47°, 84%, 53%
HSV	47°, 86%, 93%
XYZ	53.9508, 56.0883, 9.4960
YIQ	187.7310, 76.6670, -40.3330

Conversions

Conversions Part 2

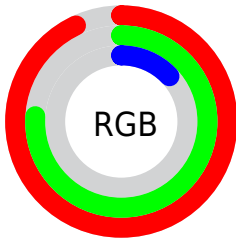
Format	Color
RYB	89, 236, 34
Decimal	15515938
CIELab	79.66, 1.64, 76.24
CIELCh	80, 76.263, 88.764
Yxy	56.0883, 0.4513, 0.4692
Android (android.graphics.Color)	4293706018 (0xFFECC122)
YUV	187.7310, -75.7894, 42.3319
Hunter-Lab	74.8921, -2.4734, 44.9068

Details

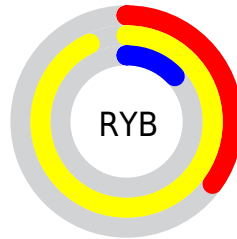
The Android color **4293706018** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4280438252**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4294965601**, and **4289694720** is the 20% darker color. If you saturate the color by 10%, you get **4293704714**, and if you desaturate by 10%, it is **4293707322**.

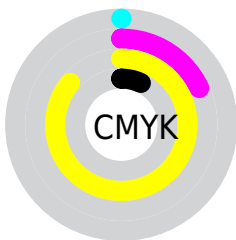
Distribution



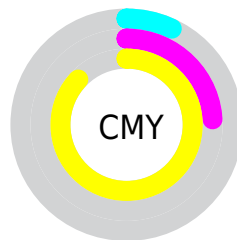
- Red (93%)
- Green (76%)
- Blue (13%)



- Red (35%)
- Yellow (93%)
- Blue (13%)



- Cyan (0%)
- Magenta (18%)
- Yellow (86%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293706018 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 4293706018 by changing the saturation by 10% instead.

 4293706018

 4293706018

4294967295

 4291667456

 4294965601

 4289694720

 4294967166

 4287787776

 4294967194

 4285880832

 4294967223

 4284039936

 4294967252

 4282265088

 4294967281

 4280621312

 4278255616

 4278190080

■ 4293706018

■ 4293706018

■ 4293704714

■ 4293707322

■ 4293704192

■ 4293708625

■ 4293709929

■ 4293711232

■ 4293712536

■ 4293713840

■ 4293715143

■ 4293716447

■ 4293717750

Harmonies

Analogous

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



4294944073



4293706018



4289123643

Triad

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



4293706018



4278249215



4294939903

Complementary

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



4293706018



4280438252

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.



4290753791



4293706018



4278247423

Square

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



4293706018



4278249408



4278243327



4294934987

Rectangle

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



4293706018



4285062754



4278243327



4294942719

Sweetspot

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



4293706018



4294963645



4293665358



4286609240



4278190080



4286611584

Same Dimension

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



4293706018



4294953216



4289981474



4285887338



4290088704



4281739776

Inverse Universe

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



4280438252



4278204159



4284162796



4285164661



4278200245



4278192950

Previews

White Background



This preview shows how the Android color 4293706018 looks on a white background.

Color Contrast Check

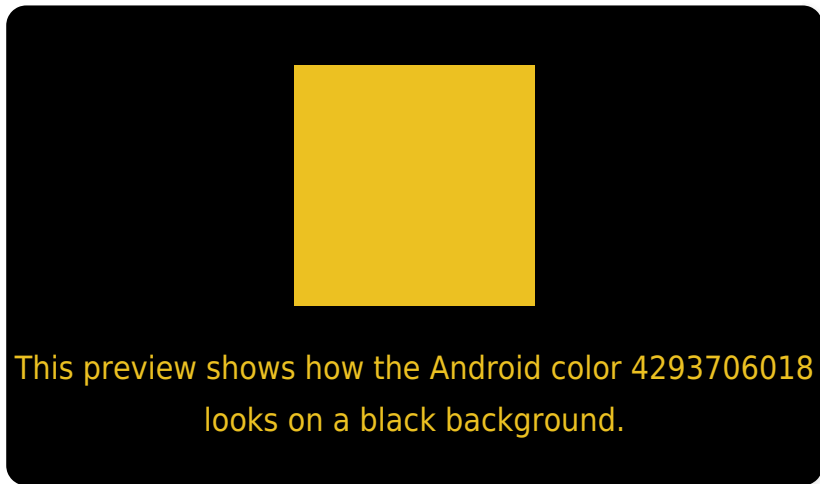
Large Text (above 18pt) WCAG AA × Fail

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 4293706018 Background



This preview shows how black text looks on a background with the Android color 4293706018.



This preview shows how white text looks on a background with the Android color 4293706018.

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
4293706018

Protanopia
4292855331

Deuteranopia
4294556454



Tritanopia
4294358209

Trichromacy



Original Color
4293706018

Protanomaly
4293182499

Deuteranomaly
4294229285

Tritanomaly
4294097287

Monochromacy



Original Color
4293706018

Achromatopsia
4290559164

Achromatomaly
4291673732

CSS Examples

Text

The CSS property to change the color of the text to Android 4293706018 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(236, 193, 34)` looks like.

```
.text, #text, p{  
    color:rgb(236, 193, 34)  
}
```

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(236, 193, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 193, 34) }
```

Border

The CSS property to change the border of an element to Android 4293706018 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(236, 193, 34) }
```

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

```
.border{ border-color:rgb(236, 193, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 193, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 193, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 193, 34);  
box-shadow:4px 4px 4px 4px rgb(236, 193,  
34) }
```

Background

The CSS property to change the background color of an element to Android 4293706018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 193, 34) }
```

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

```
.background{ background-color: rgb(236,  
193, 34) }
```

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