

Converting Colors

Android(4294301767)

Have a look what the booklet for
Android(4294301767) contains.

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Color

Android(4294301767)

Conversions

Conversions Part 1

Format	Color
Hex	F5D847
RGB	245, 216, 71
RGB Percent	96%, 85%, 28%
CMY	0.0392, 0.1529, 0.7216
CMYK	0.00, 0.12, 0.71, 0.04
HSL	50°, 90%, 62%
HSV	50°, 71%, 96%
XYZ	63.3494, 68.9791, 15.9367
YIQ	208.1410, 63.8290, -38.9470

Conversions

Conversions Part 2

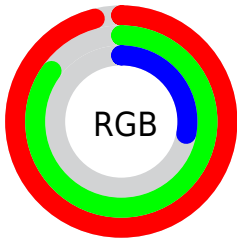
Format	Color
RYB	106, 245, 71
Decimal	16111687
CIELab	86.49, -5.03, 71.31
CIELCh	86, 71.490, 94.033
Yxy	68.9791, 0.4273, 0.4652
Android (android.graphics.Color)	4294301767 (0xFFFF5D847)
YUV	208.1410, -67.6105, 32.3253
Hunter-Lab	83.0537, -9.1927, 46.7608

Details

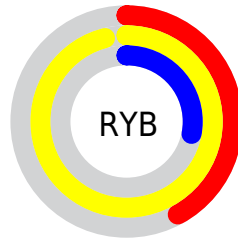
The Android color **4294301767** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4282868981**, and the grayscale version is **4291940817**.

A 20% lighter version of the original color is **4294967168**, and **4290355712** is the 20% darker color. If you saturate the color by 10%, you get **4294300719**, and if you desaturate by 10%, it is **4294302816**.

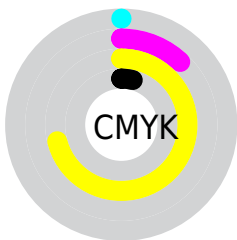
Distribution



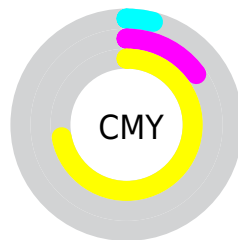
- Red (96%)
- Green (85%)
- Blue (28%)



- Red (42%)
- Yellow (96%)
- Blue (28%)



- Cyan (0%)
- Magenta (12%)
- Yellow (71%)
- Black (4%)



















- Cyan (4%)
- Magenta (15%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294301767 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 4294301767 by changing the saturation by 10% instead.

 4294301767	 4294301767
4294967295	 4292328488
 4294967168	 4290355712
 4294967196	 4288448512
 4294967224	 4286541568
 4294967253	 4284700160
 4294967283	 4282859520
	 4281215488
	 4279506432
	 4278190080

■ 4294301767

■ 4294301767

■ 4294300719

■ 4294302816

■ 4294299670

■ 4294303864

■ 4294298624

■ 4294304913

■ 4294305961

■ 4294307010

■ 4294308314

■ 4294309363

■ 4294310399

■ 4294311423

Harmonies

Analogous

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



4294950749



4294301767



4289718881

Triad

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



4294301767



4278253823



4294945023

Complementary

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



4294301767



4282868981

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.



4293444607



4294301767



4278251519

Square

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



4294301767



4278254304



4284145151



4294941650

Rectangle

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



4294301767



4285723269



4284145151



4294947071

Sweetspot

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



4294301767



4294964937



4294264676



4286610016



4278190080



4286611584

Same Dimension

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



4294301767



4294957862



4290508103



4286216302



4290419456



4282069248

Inverse Universe

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



4282868981



4280699647



4286662645



4285427834



4278198202



4278192699

Previews

White Background



This preview shows how the Android color 4294301767 looks on a white background.

Color Contrast Check

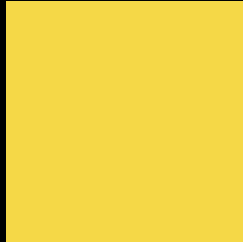
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4294301767 looks on a 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 4294301767 Background



This preview shows how black text looks on a background with the Android color 4294301767.

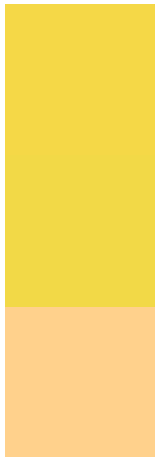


This preview shows how white text looks on a background with the Android color 4294301767.

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
4294301767

Protanopia
4294105415

Deuteranopia
4294955404



Tritanopia
4294953946

Trichromacy



Original Color
4294301767

Protanomaly
4294170951

Deuteranomaly
4294694003

Tritanomaly
4294693029

Monochromacy



Original Color
4294301767

Achromatopsia
4291875024

Achromatomaly
4292727710

CSS Examples

Text

The CSS property to change the color of the text to Android 4294301767 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(245, 216, 71)` looks like.

```
.text, #text, p{  
    color:rgb(245, 216, 71)  
}
```

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(245, 216, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 216, 71) }
```

Border

The CSS property to change the border of an element to Android 4294301767 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(245, 216, 71) }
```

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

```
.border{ border-color:rgb(245, 216, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 216, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 216, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 216, 71);  
box-shadow:4px 4px 4px 4px rgb(245, 216,  
71) }
```

Background

The CSS property to change the background color of an element to Android 4294301767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 216, 71) }
```

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

```
.background{ background-color: rgb(245,  
216, 71) }
```

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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