

Converting Colors

Android(4294311731)

Have a look what the booklet for
Android(4294311731) contains.

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Color

Android(4294311731)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF33
RGB	245, 255, 51
RGB Percent	96%, 100%, 20%
CMY	0.0392, 0.0000, 0.8000
CMYK	0.04, 0.00, 0.80, 0.00
HSL	63°, 100%, 60%
HSV	63°, 80%, 100%
XYZ	74.0137, 91.1715, 16.8289
YIQ	228.7540, 59.5240, -65.5640

Conversions

Conversions Part 2

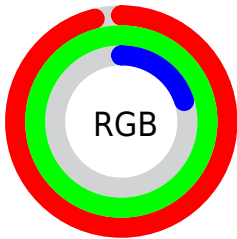
Format	Color
R _Y B	51, 255, 61
Decimal	16121651
CIE Lab	96.48, -24.83, 86.60
CIE LCh	96, 90.089, 105.997
Yxy	91.1715, 0.4066, 0.5009
Android (android.graphics.Color)	4294311731 (0xFF5FF33)
YUV	228.7540, -87.6327, 14.2477
Hunter-Lab	95.4838, -28.7333, 56.3889

Details

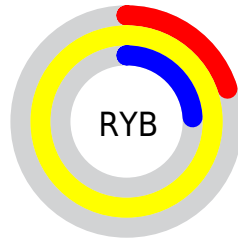
The Android color **4294311731** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4282201087**, and the grayscale version is **4293322470**.

A 20% lighter version of the original color is **4294967156**, and **4290299648** is the 20% darker color. If you saturate the color by 10%, you get **4294246169**, and if you desaturate by 10%, it is **4294377293**.

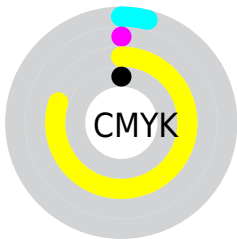
Distribution



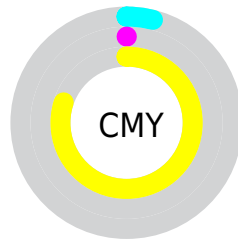
- Red (96%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (24%)



- Cyan (4%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294311731 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 4294311731 by changing the saturation by 10% instead.

 4294311731

 4294311731

4294967295

 4292272640

 4294967156

 4290299648

 4294967186

 4288391936

 4294967216

 4286484736

 4294967245

 4284577536

 4294967275

 4282736384

 4280895232

 4279054336

 4278197760

■ 4294311731

■ 4294311731

■ 4294246169

■ 4294377293

■ 4294180608

■ 4294508390

■ 4294573952

■ 4294639513

■ 4294705075

■ 4294836172

■ 4294901734

4294967295

Harmonies

Analogous

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



4294959674



4294311731



4287561587

Triad

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



4294311731



4278255615



4294944767

Complementary

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



4294311731



4282201087

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.



4294953471



4294311731



4278255615

Square

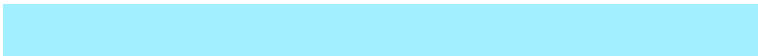
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294311731



4278255615



4288868351



4294943434

Rectangle

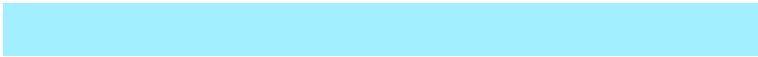
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294311731



4278255530



4288868351



4294947071

Sweetspot

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



4294311731



4294770626



4294916659



4286480475



4278190080



4286611584

Same Dimension

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



4294311731



4294180618



4287823667



4286546035



4290166528



4282204160

Inverse Universe

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



4282201087



4279634687



4288689151



4285756288



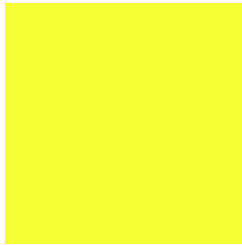
4278780095



4278386752

Previews

White Background



This preview shows how the Android color 4294311731 looks on a white background.

Color Contrast Check

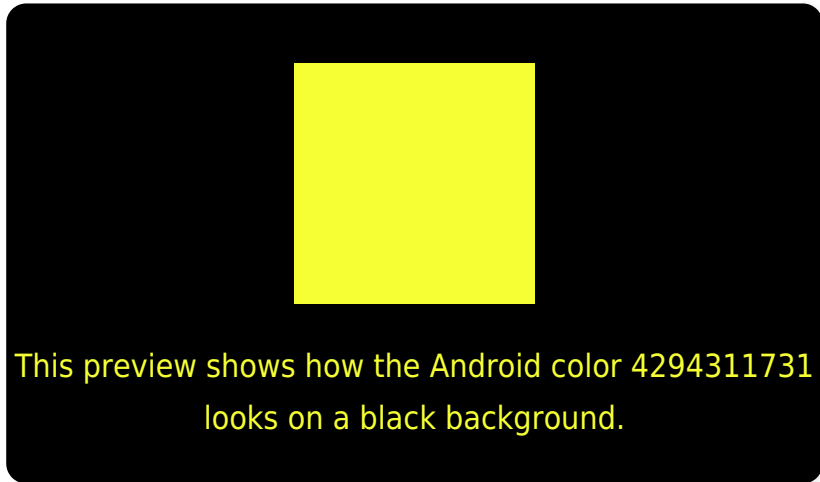
Large Text (above 18pt) WCAG AA × Fail

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 4294311731 Background



This preview shows how black text looks on a background with the Android color 4294311731.




This preview shows how white text looks on a background with the Android color 4294311731.

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](#).

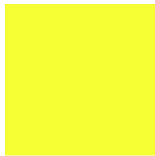
Dichromacy

	Original Color 4294311731
	Protanopia 4294964686
	Deuteranopia 4294964196

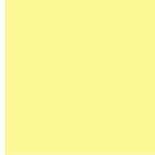


Tritanopia
4294963451

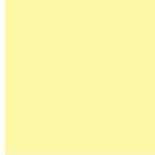
Trichromacy



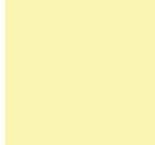
Original Color
4294311731



Protanomaly
4294703510

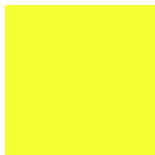


Deuteranomaly
4294703012

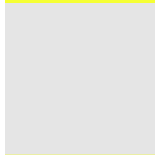


Tritanomaly
4294702514

Monochromacy



Original Color
4294311731



Achromatopsia
4293256677



Achromatomaly
4293652132

CSS Examples

Text

The CSS property to change the color of the text to Android 4294311731 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, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 51)  
}
```

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, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 51) }
```

Border

The CSS property to change the border of an element to Android 4294311731 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, 255, 51) }
```

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

```
.border{ border-color:rgb(245, 255, 51) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4294311731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 51) }
```

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

```
.background{ background-color: rgb(245,  
255, 51) }
```

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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