

Converting Colors

Android(4294947850)

Have a look what the booklet for
Android(4294947850) contains.

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Color

Android(4294947850)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFB40A |
| RGB | 255, 180, 10 |
| RGB Percent | 100%, 71%, 4% |
| CMY | 0.0000, 0.2941, 0.9608 |
| CMYK | 0.00, 0.29, 0.96, 0.00 |
| HSL | 42°, 100%, 52% |
| HSV | 42°, 96%, 100% |
| XYZ | 57.6160, 53.9244, 7.6589 |
| YIQ | 183.0450, 99.2700, -36.9700 |

Conversions

Conversions Part 2

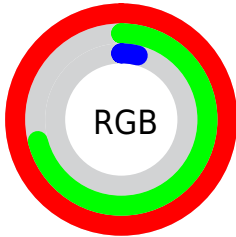
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 118, 255, 10 |
| Decimal | 16757770 |
| CIE Lab | 78.42, 16.19, 80.23 |
| CIE LCh | 78, 81.847, 78.593 |
| Yxy | 53.9244, 0.4834, 0.4524 |
| Android (android.graphics.Color) | 4294947850 (0xFFFFB40A) |
| YUV | 183.0450, -85.3112, 63.1045 |
| Hunter-Lab | 73.4333, 11.5437, 45.2195 |

Details

The Android color **4294947850** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **4278867455**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4294962261**, and **4290805760** is the 20% darker color. If you saturate the color by 10%, you get **4294947072**, and if you desaturate by 10%, it is **4294949923**.

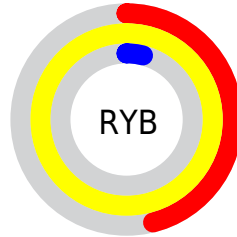
Distribution



Red (100%)

Green (71%)

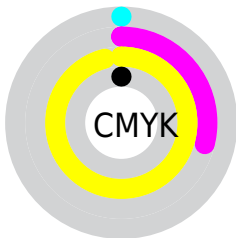
Blue (4%)



Red (46%)

Yellow (100%)

Blue (4%)

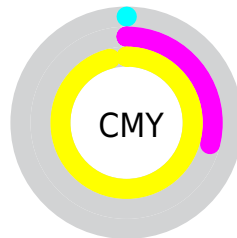


Cyan (0%)

Magenta (29%)

Yellow (96%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294947850 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 4294947850 by changing the saturation by 10% instead.



4294947850



4294947850

4294967295



4292843776



4294962261



4290805760



4294967154



4288833280



4294967182



4286861056



4294967211



4284954624



4294967240



4283113984



4294967270



4281339392



4279566336



4278190080

■ 4294947850

■ 4294947850

■ 4294947072

■ 4294949923

■ 4294951997

■ 4294953815

■ 4294955888

■ 4294957962

■ 4294960035

■ 4294962109

■ 4294963926

■ 4294966000

Harmonies

Analogous

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



4294939729



4294947850



4290432264

Triad

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



4294947850



4278248944



4294940927

Complementary

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



4294947850



4278867455

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.



4286888703



4294947850



4278247935

Square

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



4294947850



4278248609



4278244351



4294932962

Rectangle

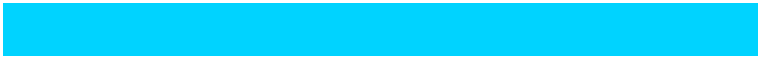
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294947850



4286634046



4278244351



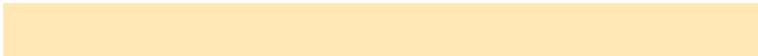
4292912383

Sweetspot

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



4294947850



4294961333



4294904408



4286607955



4278190080



4286611584

Same Dimension

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



4294947850



4294947072



4292017930



4286610547



4290741504



4282395648

Inverse Universe

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



4278867455



4278210303



4281797375



4285757312



4278205375



4278195264

Previews

White Background



This preview shows how the Android color 4294947850 looks on a white background.

Color Contrast Check

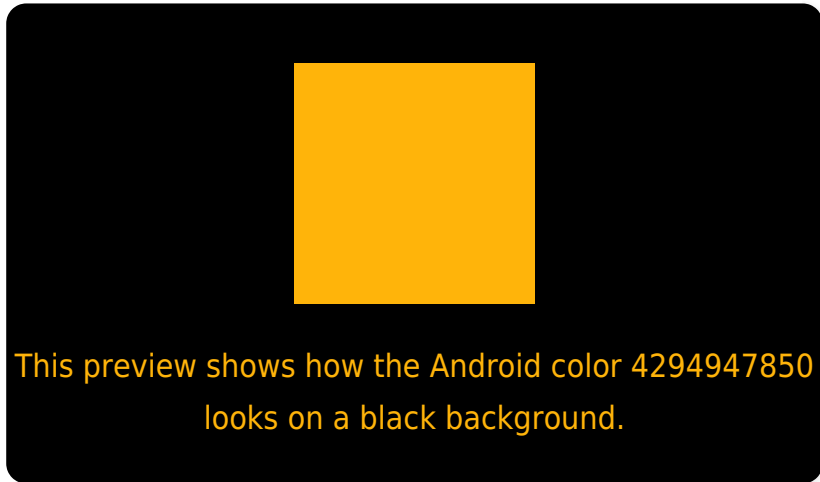
Large Text (above 18pt) WCAG AA × Fail

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 4294947850 Background



This preview shows how black text looks on a background with the Android color 4294947850.



This preview shows how white text looks on a background with the Android color 4294947850.

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
4294947850

Protanopia
4292592402

Deuteranopia
4294359040



Tritanopia
4294945718

Trichromacy



Original Color
4294947850

Protanomaly
4293443087

Deuteranomaly
4294555396

Tritanomaly
4294946423

Monochromacy



Original Color
4294947850

Achromatopsia
4290230199

Achromatomaly
4291933816

CSS Examples

Text

The CSS property to change the color of the text to Android 4294947850 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(255, 180, 10)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 10)  
}
```

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(255, 180, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 10) }
```

Border

The CSS property to change the border of an element to Android 4294947850 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(255, 180, 10) }
```

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

```
.border{ border-color:rgb(255, 180, 10) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 10);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
10) }
```

Background

The CSS property to change the background color of an element to Android 4294947850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 10) }
```

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

```
.background{ background-color: rgb(255,  
180, 10) }
```

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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