

Converting Colors

Android(4294948945)

Have a look what the booklet for
Android(4294948945) contains.

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Color

Android(4294948945)

Conversions

Conversions Part 1

Format	Color
Hex	FFB851
RGB	255, 184, 81
RGB Percent	100%, 72%, 32%
CMY	0.0000, 0.2784, 0.6824
CMYK	0.00, 0.28, 0.68, 0.00
HSL	36°, 100%, 66%
HSV	36°, 68%, 100%
XYZ	59.8657, 56.1351, 15.4645
YIQ	193.4870, 75.3790, -16.9810

Conversions

Conversions Part 2

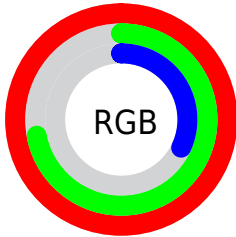
Format	Color
RYB	201, 255, 81
Decimal	16758865
CIELab	79.69, 16.14, 60.63
CIELCh	80, 62.746, 75.096
Yxy	56.1351, 0.4554, 0.4270
Android (android.graphics.Color)	4294948945 (0xFFFFB851)
YUV	193.4870, -55.4561, 53.9469
Hunter-Lab	74.9233, 11.5103, 40.2086

Details

The Android color `4294948945` is a light color, and the websafe version is hex `FFCC66`. The color can be described as light muted orange. A complement of this color would be `4283537663`, and the grayscale version is `4290953922`.

A 20% lighter version of the original color is `4294963335`, and `4290937624` is the 20% darker color. If you saturate the color by 10%, you get `4294946360`, and if you desaturate by 10%, it is `4294951530`.

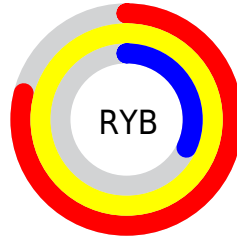
Distribution



Red (100%)

Green (72%)

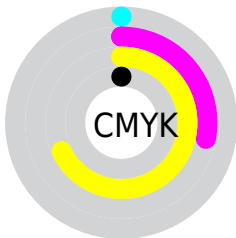
Blue (32%)



Red (79%)

Yellow (100%)

Blue (32%)

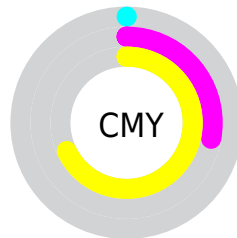


Cyan (0%)

Magenta (28%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294948945 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 4294948945 by changing the saturation by 10% instead.



4294948945



4294948945

4294967295



4292910390



4294963335



4290937624



4294967202



4288965120



4294967230



4287058432



4294967258



4285152000



4294967288



4283311360



4281536512



4280025089



4278190080

4294948945

4294948945

4294946360

4294951530

4294943518

4294954372

4294940933

4294956958

4294940416

4294959799

4294962385

4294964970

4294967295

Harmonies

Analogous

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



4294943349



4294948945



4291480654

Triad

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



4294948945



4278248418



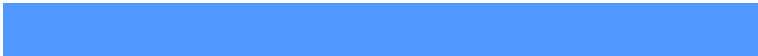
4293896959

Complementary

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



4294948945



4283537663

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.



4288004863



4294948945



4278247423

Square

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



4294948945



4278247845



4278244607



4294940389

Rectangle

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



4294948945



4288730465



4278244607



4292260607

Sweetspot

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



4294948945



4294961868



4294922649



4286608225



4278190080



4286611584

Same Dimension

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



4294948945



4294945326



4294049617



4286610035



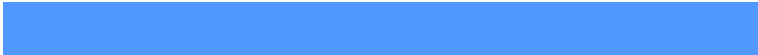
4290736384



4282394112

Inverse Universe

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



4283537663



4281238527



4284502527



4285757568



4278210239



4278196800

Previews

White Background



This preview shows how the Android color 4294948945 looks on a white background.

Color Contrast Check

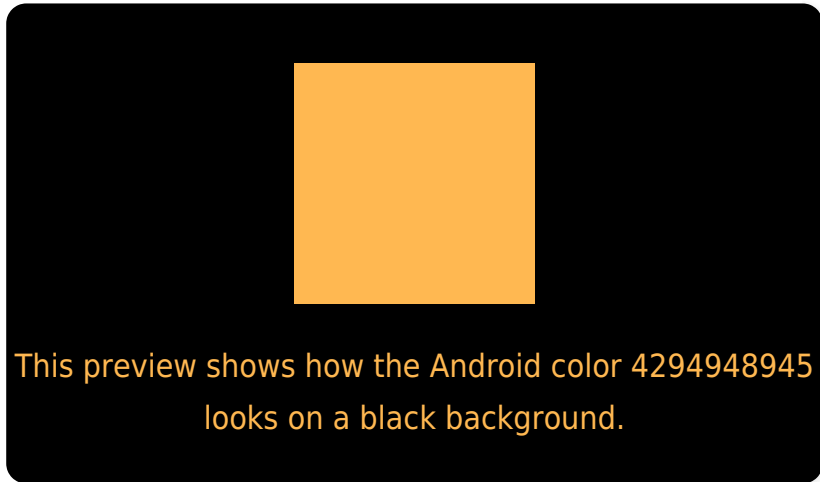
Large Text (above 18pt) WCAG AA × Fail

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 4294948945 Background



This preview shows how black text looks on a background with the Android color 4294948945.



This preview shows how white text looks on a background with the Android color 4294948945.

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
4294948945

Protanopia
4292658773

Deuteranopia
4294360144



Tritanopia
4294947004

Trichromacy



Original Color
4294948945

Protanomaly
4293509460

Deuteranomaly
4294556496

Tritanomaly
4294947733

Monochromacy



Original Color
4294948945

Achromatopsia
4290888129

Achromatomaly
4292394648

CSS Examples

Text

The CSS property to change the color of the text to Android 4294948945 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, 184, 81)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 81)  
}
```

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, 184, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 81) }
```

Border

The CSS property to change the border of an element to Android 4294948945 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, 184, 81) }
```

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

```
.border{ border-color:rgb(255, 184, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 81);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
81) }
```

Background

The CSS property to change the background color of an element to Android 4294948945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 81) }
```

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

```
.background{ background-color: rgb(255,  
184, 81) }
```

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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