

Converting Colors

Android(4294947942)

Have a look what the booklet for
Android(4294947942) contains.

Android(4294947942)	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(4294947942)

Conversions

Conversions Part 1	
Format	Color
Hex	FFB466
RGB	255, 180, 102
RGB Percent	100%, 71%, 40%
CMY	0.0000, 0.2941, 0.6000
CMYK	0.00, 0.29, 0.60, 0.00
HSL	31°, 100%, 70%
HSV	31°, 60%, 100%
XYZ	59.9595, 54.8618, 19.9996
YIQ	193.5330, 69.7380, -8.3580

Conversions

Conversions Part 2

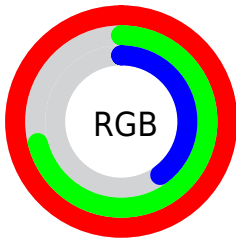
Format	Color
RYB	249, 255, 102
Decimal	16757862
CIELab	78.96, 19.50, 50.04
CIELCh	79, 53.705, 68.705
Yxy	54.8618, 0.4447, 0.4069
Android (android.graphics.Color)	4294947942 (0xFFFFB466)
YUV	193.5330, -45.1258, 53.9066
Hunter-Lab	74.0688, 14.8775, 35.8390

Details

The Android color **4294947942** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **4284920319**, and the grayscale version is **4290953922**.

A 20% lighter version of the original color is **4294962331**, and **4290936627** is the 20% darker color. If you saturate the color by 10%, you get **4294944845**, and if you desaturate by 10%, it is **4294951296**.

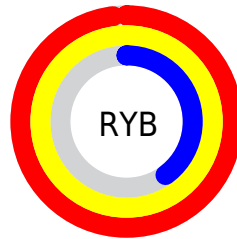
Distribution



Red (100%)

Green (71%)

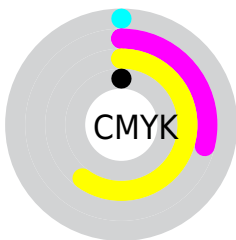
Blue (40%)



Red (98%)

Yellow (100%)

Blue (40%)

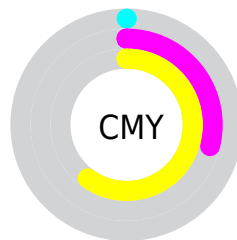


Cyan (0%)

Magenta (29%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294947942 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 4294947942 by changing the saturation by 10% instead.

 4294947942

 4294947942

4294967295

 4292974924

 4294962331

 4290936627

 4294967222

 4289029657

 4294967250

 4287122944

 4294967279

 4285282048

 4283441408

 4281666560

 4280025089

 4278190080

 4294947942

 4294947942

 4294944845

 4294951296

 4294941491

 4294954393

 4294938393

 4294957747

 4294935040

 4294960844

 4294964198

4294967295

Harmonies

Analogous

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



4294943623



4294947942



4292134237

Triad

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



4294947942



4278246865



4292588031

Complementary

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



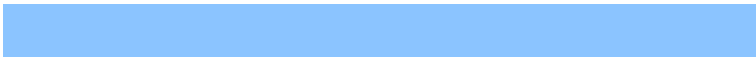
4294947942



4284920319

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.



4287350015



4294947942



4278246399

Square

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



4294947942



4283947677



4278244095



4294942953

Rectangle

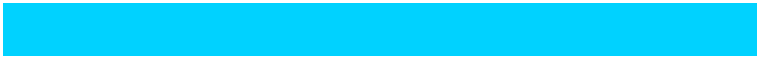
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294947942



4289843049



4278244095



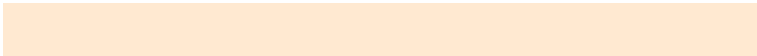
4291082239

Sweetspot

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



4294947942



4294961617



4294928051



4286607971



4278190080



4286611584

Same Dimension

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



4294947942



4294944071



4294967142



4286609779



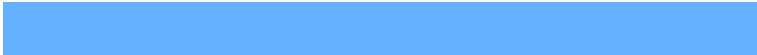
4290732544



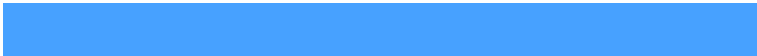
4282392832

Inverse Universe

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



4284920319



4282884607



4284901119



4285757824



4278214335



4278198080

Previews

White Background



This preview shows how the Android color 4294947942 looks on a white background.

Color Contrast Check

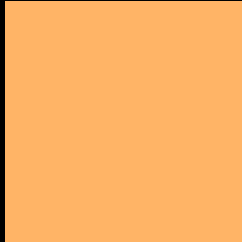
Large Text (above 18pt) WCAG AA × Fail

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 4294947942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

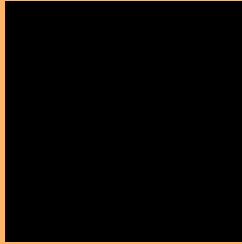
Any Text WCAG AA ✓ Pass

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 4294947942 Background



This preview shows how black text looks on a background with the Android color 4294947942.



This preview shows how white text looks on a background with the Android color 4294947942.

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
4294947942

Protanopia
4292330603

Deuteranopia
4294032228



Tritanopia
4294946233

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4294947942 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 102) }
```

Border

The CSS property to change the border of an element to Android 4294947942 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, 102) }
```

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

```
.border{ border-color:rgb(255, 180, 102) }
```

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, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4294947942 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, 102) }
```

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

```
.background{ background-color: rgb(255,  
180, 102) }
```

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