

Converting Colors

Android(4294873666)

Have a look what the booklet for
Android(4294873666) contains.

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Color

Android(4294873666)

Conversions

Conversions Part 1

Format	Color
Hex	FE9242
RGB	254, 146, 66
RGB Percent	100%, 57%, 26%
CMY	0.0039, 0.4275, 0.7412
CMYK	0.00, 0.43, 0.74, 0.00
HSL	26°, 99%, 63%
HSV	26°, 74%, 100%
XYZ	52.1353, 42.0219, 10.5175
YIQ	169.1720, 90.0480, -1.9840

Conversions

Conversions Part 2

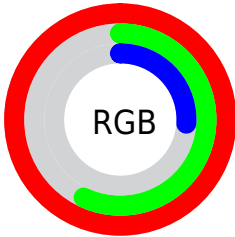
Format	Color
RYB	254, 205, 66
Decimal	16683586
CIELab	70.89, 34.78, 58.04
CIELCh	71, 67.663, 59.064
Yxy	42.0219, 0.4981, 0.4015
Android (android.graphics.Color)	4294873666 (0xFFFE9242)
YUV	169.1720, -50.8638, 74.3942
Hunter-Lab	64.8243, 30.1169, 35.7575

Details

The Android color **4294873666** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4282560254**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4294953334**, and **4290731527** is the 20% darker color. If you saturate the color by 10%, you get **4294869801**, and if you desaturate by 10%, it is **4294877531**.

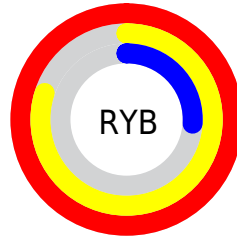
Distribution



Red (100%)

Green (57%)

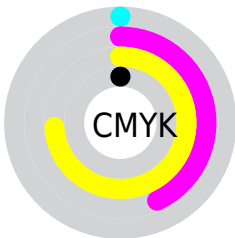
Blue (26%)



Red (100%)

Yellow (80%)

Blue (26%)

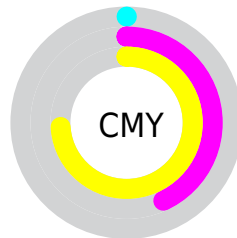


Cyan (0%)

Magenta (43%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294873666 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 4294873666 by changing the saturation by 10% instead.



4294873666



4294873666

4294967295



4292835368



4294953334



4290731527



4294960529



4288759040



4294967212



4286786816



4294967240



4284814080



4294967269



4282908672



4281335809



4278190080



4294873666



4294873666

4294869801

4294877531

4294866191

4294881141

4294863872

4294885006

4294888616

4294892481

4294896346

4294899956

4294901759

Harmonies

Analogous

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



4294933365



4294873666



4291799587

Triad

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



4294873666



4278242218



4289371903

Complementary

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



4294873666



4282560254

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.



4278236671



4294873666



4278242024

Square

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



4294873666



4281517675



4278240511



4294345710

Rectangle

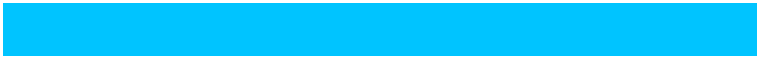
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294873666



4289246763



4278240511



4286818047

Sweetspot

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



4294873666



4294959047



4294853296



4286606430



4278190080



4286611584

Same Dimension

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



4294873666



4294933788



4294897218



4286609523



4290728192



4282391296

Inverse Universe

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



4282560254



4280065791



4282536702



4285758080



4278218431



4278199616

Previews

White Background



This preview shows how the Android color 4294873666 looks on a white background.

Color Contrast Check

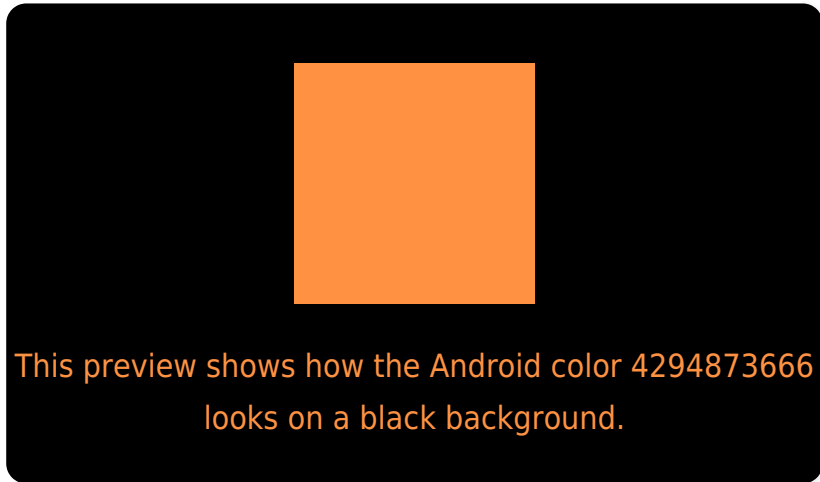
Large Text (above 18pt) WCAG AA × Fail

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 4294873666 Background



This preview shows how black text looks on a background with the Android color 4294873666.



This preview shows how white text looks on a background with the Android color 4294873666.

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
4294873666

Protanopia
4290883146

Deuteranopia
4292453692



Tritanopia
4294937493

Trichromacy



Original Color
4294873666

Protanomaly
4292322375

Deuteranomaly
4293303870

Tritanomaly
4294938231

Monochromacy



Original Color
4294873666

Achromatopsia
4289309097

Achromatomaly
4291338628

CSS Examples

Text

The CSS property to change the color of the text to Android 4294873666 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(254, 146, 66)` looks like.

```
.text, #text, p{  
    color:rgb(254, 146, 66)  
}
```

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(254, 146, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 146, 66) }
```

Border

The CSS property to change the border of an element to Android 4294873666 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(254, 146, 66) }
```

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

```
.border{ border-color:rgb(254, 146, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 146, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 146, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 146, 66);  
box-shadow:4px 4px 4px 4px rgb(254, 146,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4294873666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 146, 66) }
```

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

```
.background{ background-color: rgb(254,  
146, 66) }
```

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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