

Converting Colors

Android(4294940467)

Have a look what the booklet for
Android(4294940467) contains.

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Color

Android(4294940467)

Conversions

Conversions Part 1

Format	Color
Hex	FF9733
RGB	255, 151, 51
RGB Percent	100%, 59%, 20%
CMY	0.0000, 0.4078, 0.8000
CMYK	0.00, 0.41, 0.80, 0.00
HSL	29°, 100%, 60%
HSV	29°, 80%, 100%
XYZ	52.9041, 43.6322, 8.7655
YIQ	170.6960, 94.0840, -9.0520

Conversions

Conversions Part 2

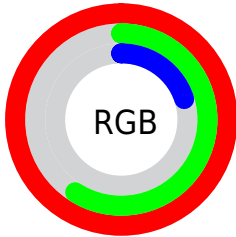
Format	Color
RYB	255, 247, 51
Decimal	16750387
CIELab	71.98, 32.06, 65.34
CIELCh	72, 72.778, 63.861
Yxy	43.6322, 0.5024, 0.4144
Android (android.graphics.Color)	4294940467 (0xFFFF9733)
YUV	170.6960, -59.0101, 73.9346
Hunter-Lab	66.0547, 27.3675, 38.3705

Details

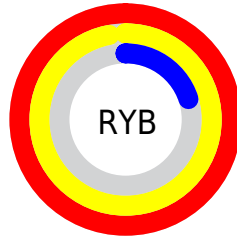
The Android color **4294940467** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4281572351**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4294954601**, and **4290798336** is the 20% darker color. If you saturate the color by 10%, you get **4294937113**, and if you desaturate by 10%, it is **4294943821**.

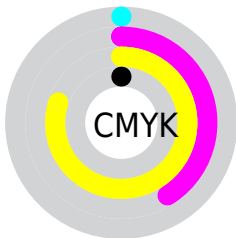
Distribution



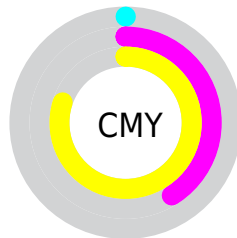
- Red (100%)
- Green (59%)
- Blue (20%)



- Red (100%)
- Yellow (97%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294940467 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 4294940467 by changing the saturation by 10% instead.



4294940467



4294940467

4294967295



4292836627



4294954601



4290798336



4294961796



4288760320



4294967200



4286788096



4294967228



4284815872



4294967256



4282974208



4294967285



4281335808



4278190080



4294940467



4294940467

4294937113

4294943821

4294933760

4294947174

4294950528

4294953881

4294957235

4294960588

4294963942

4294967295

Harmonies

Analogous

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



4294933610



4294940467



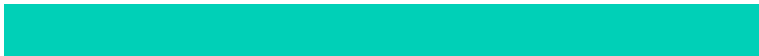
4291473422

Triad

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



4294940467



4278243511



4290550783

Complementary

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



4294940467



4281572351

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



4294940467



4278243065

Square

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



4294940467



4278242163



4278241279



4294933996

Rectangle

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



4294940467



4288593188



4278241279



4288062975

Sweetspot

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



4294940467



4294959298



4294914972



4286606683



4278190080



4286611584

Same Dimension

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



4294940467



4294935050



4294966323



4286609779



4290731520



4282392320

Inverse Universe

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



4281572351



4278880255



4281546495



4285757824



4278215359



4278198592

Previews

White Background



This preview shows how the Android color 4294940467 looks on a white background.

Color Contrast Check

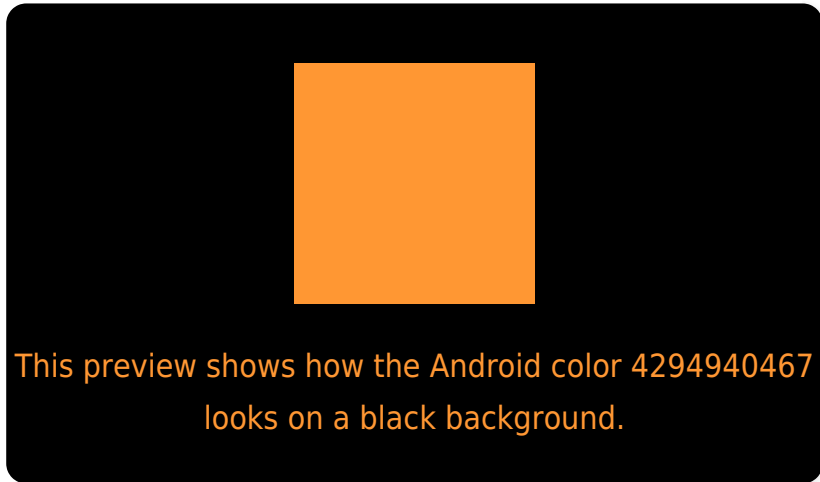
Large Text (above 18pt) WCAG AA × Fail

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 4294940467 Background



This preview shows how black text looks on a background with the Android color 4294940467.



This preview shows how white text looks on a background with the Android color 4294940467.

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
4294940467

Protanopia
4291211578

Deuteranopia
4292782124



Tritanopia
4294938778

Trichromacy



Original Color
4294940467

Protanomaly
4292585527

Deuteranomaly
4293567023

Tritanomaly
4294939509

Monochromacy



Original Color
4294940467

Achromatopsia
4289440683

Achromatomaly
4291470463

CSS Examples

Text

The CSS property to change the color of the text to Android 4294940467 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, 151, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 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(255, 151, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 51) }
```

Border

The CSS property to change the border of an element to Android 4294940467 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, 151, 51) }
```

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

```
.border{ border-color:rgb(255, 151, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4294940467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 51) }
```

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

```
.background{ background-color: rgb(255,  
151, 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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