

Converting Colors

Android(4294942767)

Have a look what the booklet for
Android(4294942767) contains.

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Color

Android(4294942767)

Conversions

Conversions Part 1

Format	Color
Hex	FFA02F
RGB	255, 160, 47
RGB Percent	100%, 63%, 18%
CMY	0.0000, 0.3725, 0.8157
CMYK	0.00, 0.37, 0.82, 0.00
HSL	33°, 100%, 59%
HSV	33°, 82%, 100%
XYZ	54.3239, 46.6068, 8.8222
YIQ	175.5230, 92.8930, -15.0030

Conversions

Conversions Part 2

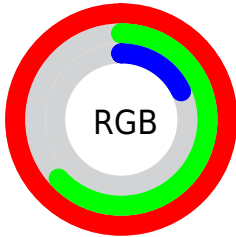
Format	Color
R _{YB}	222, 255, 47
Decimal	16752687
CIE Lab	73.94, 27.28, 68.52
CIE LCh	74, 73.752, 68.291
Yxy	46.6068, 0.4950, 0.4247
Android (android.graphics.Color)	4294942767 (0xFFFFA02F)
YUV	175.5230, -63.3618, 69.7013
Hunter-Lab	68.2692, 22.5668, 40.1266

Details

The Android color **4294942767** 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 **4281306879**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4294956903**, and **4290800640** is the 20% darker color. If you saturate the color by 10%, you get **4294939670**, and if you desaturate by 10%, it is **4294945865**.

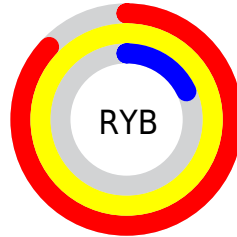
Distribution



Red (100%)

Green (63%)

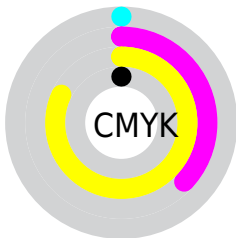
Blue (18%)



Red (87%)

Yellow (100%)

Blue (18%)

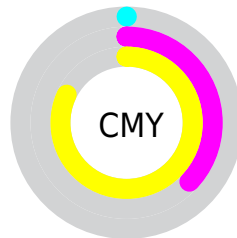


Cyan (0%)

Magenta (37%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294942767 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 4294942767 by changing the saturation by 10% instead.



4294942767



4294942767

4294967295



4292838922



4294956903



4290800640



4294964354



4288828160



4294967198



4286856192



4294967226



4284884224



4294967254



4283043072



4294967284



4281335808



4278386688



4278190080

4294942767

4294942767

4294939670

4294945865

4294937344

4294948706

4294951804

4294954901

4294957743

4294960840

4294963938

4294966779

4294967295

Harmonies

Analogous

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



4294935653



4294942767



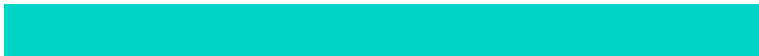
4291213588

Triad

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



4294942767



4278245063



4291861503

Complementary

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



4294942767



4281306879

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.



4281710591



4294942767



4278244607

Square

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



4294942767



4278243969



4278242047



4294934249

Rectangle

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



4294942767



4288201775



4278242047



4289635839

Sweetspot

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



4294942767



4294960066



4294913936



4286607195



4278190080



4286611584

Same Dimension

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



4294942767



4294937861



4294508335



4286610035



4290734080



4282393344

Inverse Universe

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



4281306879



4278548479



4281741311



4285757824



4278212543



4278197568

Previews

White Background



This preview shows how the Android color 4294942767 looks on a white background.

Color Contrast Check

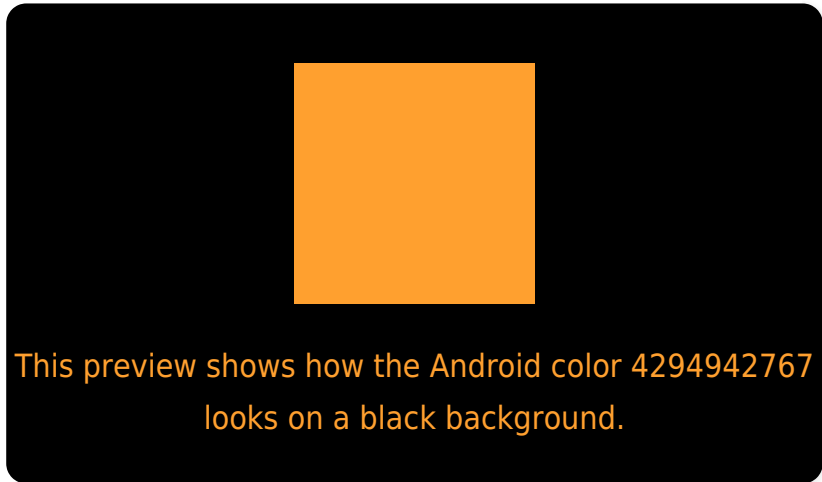
Large Text (above 18pt) WCAG AA × Fail

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 4294942767 Background



This preview shows how black text looks on a background with the Android color 4294942767.



This preview shows how white text looks on a background with the Android color 4294942767.

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
4294942767

Protanopia
4291606325

Deuteranopia
4293242153



Tritanopia
4294941090

Trichromacy



Original Color
4294942767

Protanomaly
4292849459

Deuteranomaly
4293830699

Tritanomaly
4294941816

Monochromacy



Original Color
4294942767

Achromatopsia
4289769648

Achromatomaly
4291668609

CSS Examples

Text

The CSS property to change the color of the text to Android 4294942767 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, 160, 47)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 47)  
}
```

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, 160, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 47) }
```

Border

The CSS property to change the border of an element to Android 4294942767 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, 160, 47) }
```

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

```
.border{ border-color:rgb(255, 160, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 47);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
47) }
```

Background

The CSS property to change the background color of an element to Android 4294942767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 47) }
```

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

```
.background{ background-color: rgb(255,  
160, 47) }
```

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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