

Converting Colors

Android(4294942976)

Have a look what the booklet for
Android(4294942976) contains.

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Color

Android(4294942976)

Conversions

Conversions Part 1

Format	Color
Hex	FFA100
RGB	255, 161, 0
RGB Percent	100%, 63%, 0%
CMY	0.0000, 0.3686, 1.0000
CMYK	0.00, 0.37, 1.00, 0.00
HSL	38°, 100%, 50%
HSV	38°, 100%, 100%
XYZ	53.9849, 46.7497, 6.1783
YIQ	170.7520, 107.7050, -30.1430

Conversions

Conversions Part 2

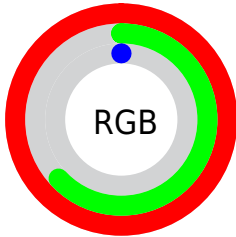
Format	Color
R _Y B	149, 255, 0
Decimal	16752896
CIE Lab	74.03, 26.02, 78.37
CIE LCh	74, 82.576, 71.633
Yxy	46.7497, 0.5049, 0.4373
Android (android.graphics.Color)	4294942976 (0xFFFFA100)
YUV	170.7520, -84.1807, 73.8855
Hunter-Lab	68.3738, 21.2815, 42.5042

Details

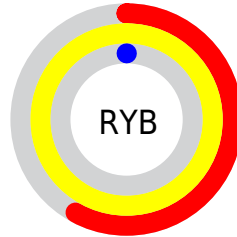
The Android color **4294942976** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **4278214399**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4294957135**, and **4290800896** is the 20% darker color. If you saturate the color by 10%, you get **4294942976**, and if you desaturate by 10%, it is **4294945305**.

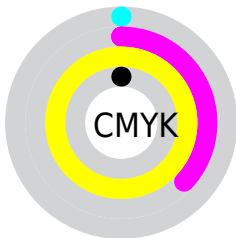
Distribution



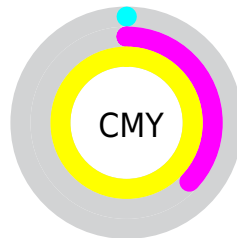
- Red (100%)
- Green (63%)
- Blue (0%)



- Red (58%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (100%)
- Black (0%)





















- Cyan (0%)
- Magenta (37%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color #4294942976 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 #4294942976 by changing the saturation by 10% instead.

 4294942976	 4294942976
4294967295	 4292839168
 4294957135	 4290800896
 4294964331	 4288763136
 4294967175	 4286725376
 4294967204	 4284818944
 4294967233	 4282978048
 4294967262	 4281270272
 4294967291	 4278255616
	 4278190080

 4294942976

 4294945305

 4294947891

 4294950221

 4294952806

 4294955136

 4294957465

 4294960051

 4294962380

 4294964966

Harmonies

Analogous

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



4294934356



4294942976



4290690048

Triad

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



4294942976



4278245842



4292777215

Complementary

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



4294942976



4278214399

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.



4280858111



4294942976



4278245119

Square

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



4294942976



4278244995



4278242303



4294930664

Rectangle

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



4294942976



4287219738



4278242303



4290289919

Sweetspot

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



4294942976



4294960051



4294901858



4286607186



4278190080



4286611584

Same Dimension

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



4294942976



4293000960



4286610291



4290738432



4282394624

Inverse Universe

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



4278214399



4280156415



4285757312



4278208447



4278196288

Previews

White Background



This preview shows how the Android color 4294942976 looks on a white background.

Color Contrast Check

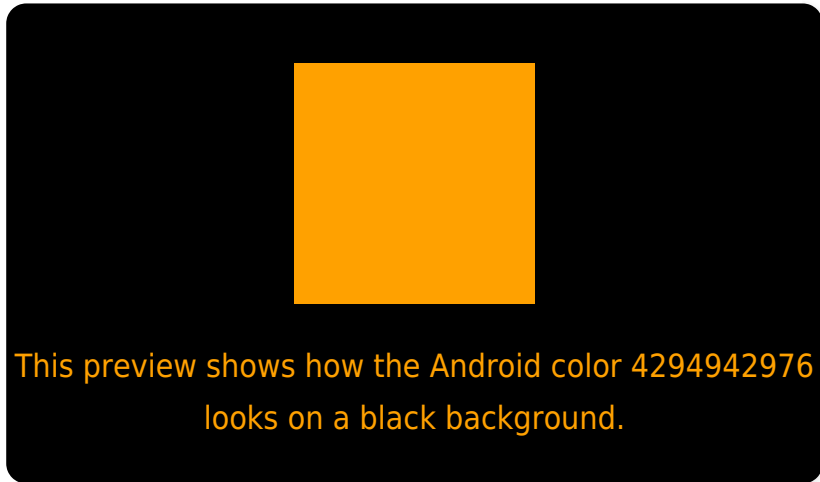
Large Text (above 18pt) WCAG AA × Fail

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 4294942976 Background



This preview shows how black text looks on a background with the Android color 4294942976.



This preview shows how white text looks on a background with the Android color 4294942976.

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
4294942976

Protanopia
4291737362

Deuteranopia
4293373184



Tritanopia
4294941091

Trichromacy



Original Color
4294942976

Protanomaly
4292914955

Deuteranomaly
4293961984

Tritanomaly
4294941800

Monochromacy



Original Color
4294942976

Achromatopsia
4289440683

Achromatomaly
4291471213

CSS Examples

Text

The CSS property to change the color of the text to Android 4294942976 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, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 0)  
}
```

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, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 0) }
```

Border

The CSS property to change the border of an element to Android 4294942976 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, 161, 0) }
```

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

```
.border{ border-color:rgb(255, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4294942976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 0) }
```

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

```
.background{ background-color: rgb(255,  
161, 0) }
```

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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