

# Converting Colors

Android(4294881024)

Have a look what the booklet for  
Android(4294881024) contains.

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# **Color**

**Android(4294881024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEAF00
RGB	254, 175, 0
RGB Percent	100%, 69%, 0%
CMY	0.0039, 0.3137, 1.0000
CMYK	0.00, 0.31, 1.00, 0.00
HSL	41°, 100%, 50%
HSV	41°, 100%, 100%
XYZ	56.2030, 51.7308, 7.0228
YIQ	178.6710, 103.2590, -37.6770

# Conversions

## Conversions Part 2

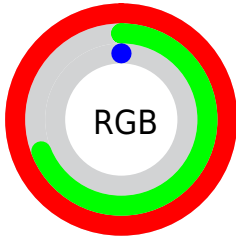
Format	Color
<a href="#">RYB</a>	<a href="#">115, 254, 0</a>
Decimal	<a href="#">16690944</a>
CIELab	<a href="#">77.12, 18.29, 80.34</a>
CIELCh	<a href="#">77, 82.400, 77.172</a>
Yxy	<a href="#">51.7308, 0.4889, 0.4500</a>
Android (android.graphics.Color)	<a href="#">4294881024</a> ( <a href="#">0xFFFEAF00</a> )
YUV	<a href="#">178.6710, -88.0848, 66.0635</a>
Hunter-Lab	<a href="#">71.9241, 13.6165, 44.5577</a>

# Details

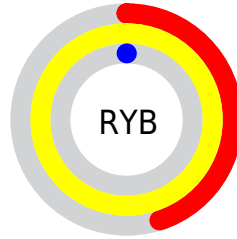
The Android color **4294881024** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **4278210558**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4294960721**, and **4290738944** is the 20% darker color. If you saturate the color by 10%, you get **4294881024**, and if you desaturate by 10%, it is **4294883097**.

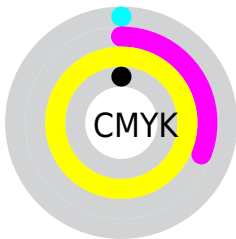
# Distribution



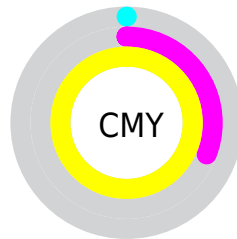
- Red (100%)
- Green (69%)
- Blue (0%)



- Red (45%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (100%)
- Black (0%)




















- Cyan (0%)
- Magenta (31%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294881024 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 4294881024 by changing the saturation by 10% instead.



 4294881024	 4294881024
4294967295	 4292776960
 4294960721	 4290738944
 4294967150	 4288766464
 4294967179	 4286728704
 4294967207	 4284822272
 4294967236	 4282981888
 4294967266	 4281272576
	 4279173120
	 4278190080

 4294881024

 4294883097

 4294885171

 4294887244

 4294889318

 4294891391

 4294893208

 4294895282

 4294897355

 4294899429

# Harmonies

## Analogous

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



4294938192



4294881024



4290430976

# Triad

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



4294881024



4278248169



4294481407

# Complementary

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



4294881024



4278210558

# 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.



4285839615



4294881024



4278247167

# Square

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



4294881024



4278247578



4278243839



4294931939

# Rectangle

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



4294881024



4286698549



4278243839



4292322047



# Sweetspot

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



4294881024



4294961075



4294836304



4286607698



4278190080



4286611584



# Same Dimension

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



4294881024



4294946816



4291821056



4286610547



4290741248



4282395648



# Inverse Universe

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



4278210558



4278210559



4281270526



4285757312



4278205375



4278195264



# Previews

## White Background



This preview shows how the Android color 4294881024 looks on a white background.

## Color Contrast Check

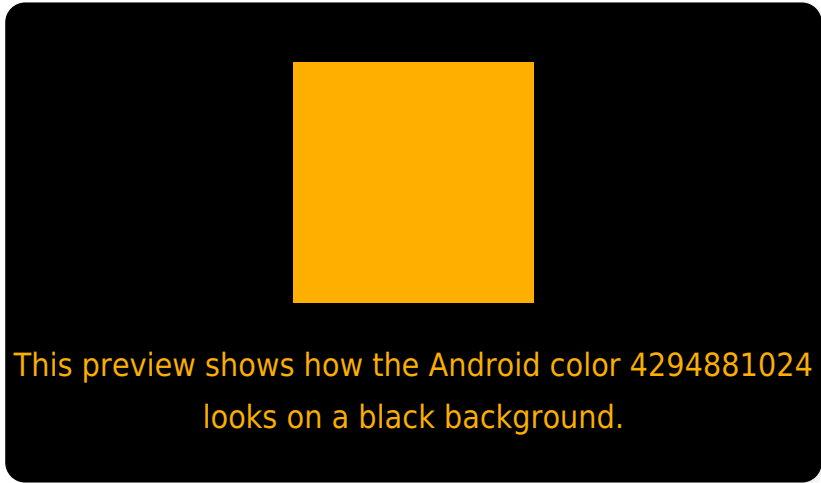
Large Text (above 18pt) WCAG AA × Fail

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 4294881024 Background



This preview shows how black text looks on a background with the Android color 4294881024.



This preview shows how white text looks on a background with the Android color 4294881024.

# 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**  
4294881024

**Protanopia**  
4292329232

**Deuteranopia**  
4294030592



**Tritanopia**  
4294944433

# Trichromacy



**Original Color**  
4294881024

**Protanomaly**  
4293245194

**Deuteranomaly**  
4294357760

**Tritanomaly**  
4294945137

# Monochromacy



**Original Color**  
4294881024

**Achromatopsia**  
4289967027

**Achromatomaly**  
4291736178

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294881024 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, 175, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 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(254, 175, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 0) }
```

## Border

The CSS property to change the border of an element to Android 4294881024 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, 175, 0) }
```

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

```
.border{ border-color:rgb(254, 175, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4294881024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 0) }
```

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

```
.background{ background-color: rgb(254,  
175, 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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