

# Converting Colors

Android(4294021705)

Have a look what the booklet for  
Android(4294021705) contains.

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# **Color**

**Android(4294021705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F19249
RGB	241, 146, 73
RGB Percent	95%, 57%, 29%
CMY	0.0549, 0.4275, 0.7137
CMYK	0.00, 0.39, 0.70, 0.05
HSL	26°, 86%, 62%
HSV	26°, 70%, 95%
XYZ	47.7571, 39.7396, 11.4568
YIQ	166.0830, 80.0530, -2.5630

# Conversions

## Conversions Part 2

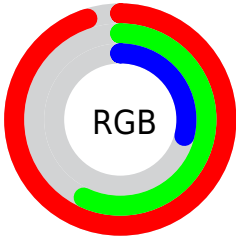
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 202, 73
Decimal	15831625
CIE <sub>Lab</sub>	69.28, 29.90, 52.62
CIE <sub>LCh</sub>	69, 60.521, 60.396
Yxy	39.7396, 0.4826, 0.4016
Android (android.graphics.Color)	4294021705 (0xFFFF19249)
YUV	166.0830, -45.8899, 65.7022
Hunter-Lab	63.0393, 24.9085, 33.3522

# Details

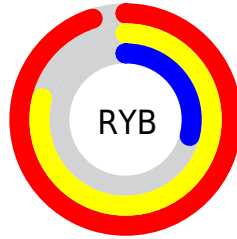
The Android color **4294021705** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **4283017457**, and the grayscale version is **4289111718**.

A 20% lighter version of the original color is **4294953085**, and **4290010901** is the 20% darker color. If you saturate the color by 10%, you get **4294018097**, and if you desaturate by 10%, it is **4294025313**.

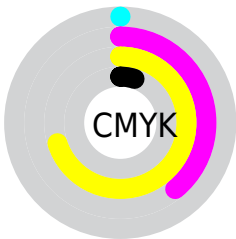
# Distribution



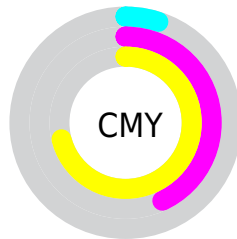
- Red (95%)
- Green (57%)
- Blue (29%)



- Red (95%)
- Yellow (79%)
- Blue (29%)



- Cyan (0%)
- Magenta (39%)
- Yellow (70%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294021705 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 4294021705 by changing the saturation by 10% instead.





4294021705



4294021705

4294967295



4291983408



4294953085



4290010901



4294960535



4288038400



4294967219



4286131712



4294967247



4284159744



4294967275



4282318848



4280811521



4278190080



4294021705



4294021705

 4294018097

 4294025313

 4294014745

 4294028665

 4294011137

 4294032273

 4294011136

 4294035881

 4294039234

 4294042842

 4294046194

 4294049791

# Harmonies

## Analogous

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



4294934133



4294021705



4291209011

# Triad

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



4294021705



4278240424



4289436415

# Complementary

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



4294021705



4283017457

# 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.



4279939071



4294021705



4278240223

# Square

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



4294021705



4282368112



4278238719



4293690592

# Rectangle

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



4294021705



4288918074



4278238719



4287406847



# Sweetspot

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



4294021705



4294959561



4294003112



4286606688



4278190080



4286611584



# Same Dimension

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



4294021705



4294936105



4294043209



4286083436



4290269184



4281866240



# Inverse Universe

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



4283017457



4280918783



4282995953



4285297528



4278216888



4278198328



# Previews

## White Background



This preview shows how the Android color 4294021705 looks on a white background.

## Color Contrast Check

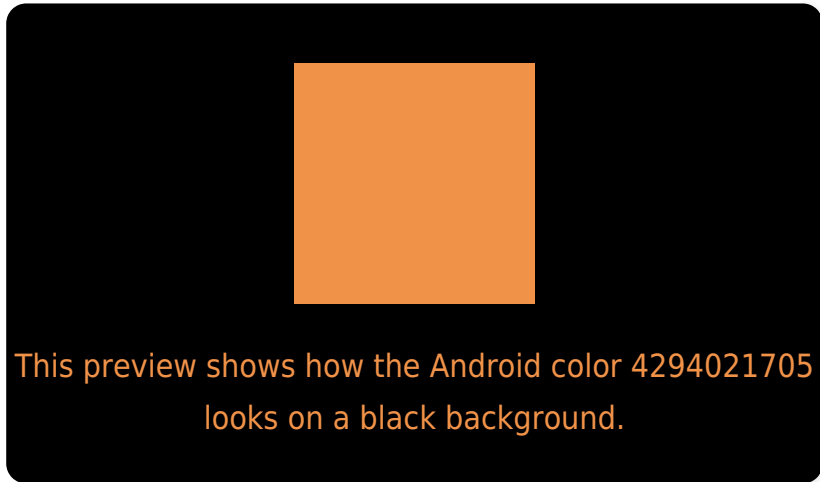
Large Text (above 18pt) WCAG AA × Fail

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 4294021705 Background



This preview shows how black text looks on a background with the Android color 4294021705.



This preview shows how white text looks on a background with the Android color 4294021705.

# 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**  
4294021705

**Protanopia**  
4290554448

**Deuteranopia**  
4292059461



# Trichromacy



**Original Color**  
4294021705

**Protanomaly**  
4291797325

**Deuteranomaly**  
4292779078

**Tritanomaly**  
4294217081

# Monochromacy



**Original Color**  
4294021705

**Achromatopsia**  
4289111718

**Achromatomaly**  
4290879364

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294021705 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(241, 146, 73)` looks like.

```
.text, #text, p{  
    color:rgb(241, 146, 73)  
}
```

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(241, 146, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 146, 73) }
```

## Border

The CSS property to change the border of an element to Android 4294021705 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(241, 146, 73) }
```

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

```
.border{ border-color:rgb(241, 146, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 146, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 146, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 146, 73);  
box-shadow:4px 4px 4px 4px rgb(241, 146,  
73) }
```

# Background

The CSS property to change the background color of an element to Android 4294021705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 146, 73) }
```

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

```
.background{ background-color: rgb(241,  
146, 73) }
```

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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