

# Converting Colors

Android(4294940709)

Have a look what the booklet for  
Android(4294940709) contains.

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# **Color**

**Android(4294940709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9825
RGB	255, 152, 37
RGB Percent	100%, 60%, 15%
CMY	0.0000, 0.4039, 0.8549
CMYK	0.00, 0.40, 0.85, 0.00
HSL	32°, 100%, 57%
HSV	32°, 85%, 100%
XYZ	52.8022, 43.8500, 7.4312
YIQ	169.6870, 98.3030, -13.9290

# Conversions

## Conversions Part 2

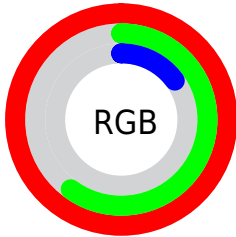
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 255, 37
Decimal	16750629
CIE <sub>Lab</sub>	72.13, 31.17, 70.21
CIE <sub>LCh</sub>	72, 76.819, 66.063
Yxy	43.8500, 0.5073, 0.4213
Android (android.graphics.Color)	4294940709 (0xFFFF9825)
YUV	169.6870, -65.4147, 74.8195
Hunter-Lab	66.2194, 26.4489, 39.7000

# Details

The Android color **4294940709** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **4280651007**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4294954846**, and **4290798592** is the 20% darker color. If you saturate the color by 10%, you get **4294937612**, and if you desaturate by 10%, it is **4294943807**.

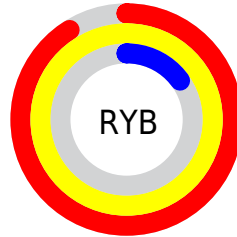
# Distribution



Red (100%)

Green (60%)

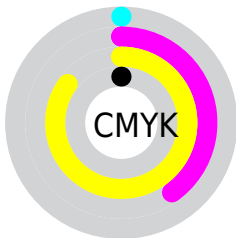
Blue (15%)



Red (91%)

Yellow (100%)

Blue (15%)

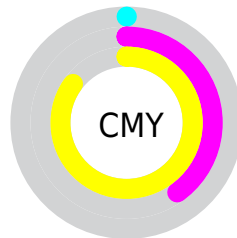


Cyan (0%)

Magenta (40%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294940709 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 4294940709 by changing the saturation by 10% instead.





4294940709



4294940709

4294967295



4292836864



4294954846



4290798592



4294962042



4288760832



4294967189



4286723072



4294967217



4284816384



4294967246



4282909184



4294967275



4281270272



4278190080



4294940709



4294940709

4294937612

4294943807

4294936320

4294946904

4294950002

4294953099

4294956197

4294959294

4294962392

4294965489

4294967295

# Harmonies

## Analogous

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



4294933090



4294940709



4291211776

# Triad

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



4294940709



4278243774



4291074303

# Complementary

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



4294940709



4280651007

# 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



4294940709



4278243583

# Square

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



4294940709



4278242677



4278241279



4294932459

# Rectangle

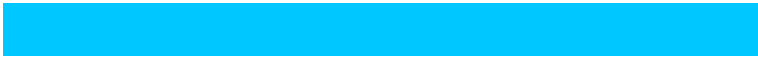
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294940709



4288134938



4278241279



4288520959



# Sweetspot

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



4294940709



4294959293



4294911374



4286606680



4278190080



4286611584



# Same Dimension

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



4294940709



4294936320



4294704933



4286609779



4290733312



4282393088



# Inverse Universe

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



4280651007



4278221055



4280886783



4285757824



4278213311



4278197824



# Previews

## White Background



This preview shows how the Android color 4294940709 looks on a white background.

## Color Contrast Check

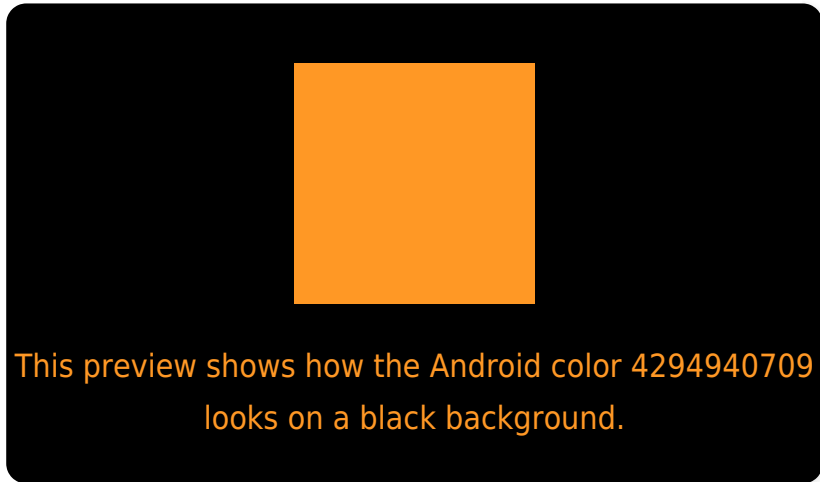
Large Text (above 18pt) WCAG AA × Fail

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 4294940709 Background



This preview shows how black text looks on a background with the Android color 4294940709.



This preview shows how white text looks on a background with the Android color 4294940709.

# 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**  
4294940709

**Protanopia**  
4291277356

**Deuteranopia**  
4292913179



**Tritanopia**  
4294939034

# Trichromacy



**Original Color**  
4294940709

**Protanomaly**  
4292585769

**Deuteranomaly**  
4293632543

**Tritanomaly**  
4294939759

# Monochromacy



**Original Color**  
4294940709

**Achromatopsia**  
4289374890

**Achromatomaly**  
4291404666

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294940709 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, 152, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 37)  
}
```

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, 152, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 37) }
```

## Border

The CSS property to change the border of an element to Android 4294940709 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, 152, 37) }
```

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

```
.border{ border-color:rgb(255, 152, 37) }
```

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

Here you see how a box with a 4 pixel rgb(255, 152, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
37) }
```

# Background

The CSS property to change the background color of an element to Android 4294940709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 37) }
```

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

```
.background{ background-color: rgb(255,  
152, 37) }
```

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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