

# Converting Colors

Android(4294093129)

Have a look what the booklet for  
Android(4294093129) contains.

<b>Android(4294093129)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4294093129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2A949
RGB	242, 169, 73
RGB Percent	95%, 66%, 29%
CMY	0.0510, 0.3373, 0.7137
CMYK	0.00, 0.30, 0.70, 0.05
HSL	34°, 87%, 62%
HSV	34°, 70%, 95%
XYZ	52.0085, 47.7342, 12.7758
YIQ	179.8830, 74.3240, -14.3800

# Conversions

## Conversions Part 2

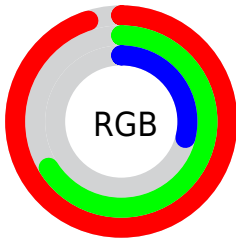
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 242, 73
Decimal	15903049
CIE <sub>Lab</sub>	74.66, 18.20, 58.39
CIE <sub>LCh</sub>	75, 61.162, 72.690
Yxy	47.7342, 0.4622, 0.4242
Android (android.graphics.Color)	4294093129 (0xFFFF2A949)
YUV	179.8830, -52.6933, 54.4766
Hunter-Lab	69.0900, 13.4612, 37.3993

# Details

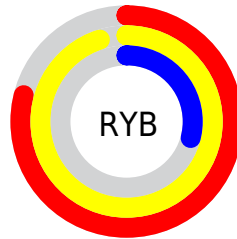
The Android color `4294093129` is a light color, and the websafe version is hex `CC9933`. The color can be described as light washed orange. A complement of this color would be `4283011826`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4294959230`, and `4290082063` is the 20% darker color. If you saturate the color by 10%, you get `4294090545`, and if you desaturate by 10%, it is `4294095713`.

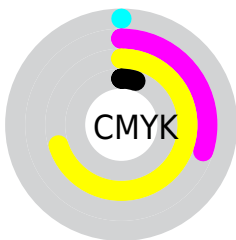
# Distribution



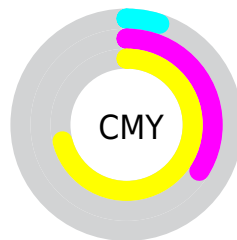
- Red (95%)
- Green (66%)
- Blue (29%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (70%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294093129 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 4294093129 by changing the saturation by 10% instead.





4294093129



4294093129

4294967295



4292054830



4294959230



4290082063



4294966681



4288175104



4294967221



4286268672



4294967249



4284362240



4294967278



4282587392



4280877568



4278190080



4294093129



4294093129

 4294090545

 4294095713

 4294087705

 4294098553

 4294085120

 4294101138

 4294084864

 4294103978

 4294106562

 4294109402

 4294111986

 4294114815

 4294115327

# Harmonies

## Analogous

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



4294939758



4294093129



4290821186

# Triad

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



4294093129



4278244559



4292517887

# Complementary

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



4294093129



4283011826

# 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.



4286494463



4294093129



4278243839

# Square

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



4294093129



4278243732



4278241279



4294937563

# Rectangle

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



4294093129



4288202324



4278241279



4290881535



# Sweetspot

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



4294093129



4294961353



4294068626



4286607968



4278190080



4286611584



# Same Dimension

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



4294093129



4294943273



4293390921



4286083948



4290275328



4281868288



# Inverse Universe

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



4283011826



4280911359



4283714034



4285297016



4278210488



4278196280



# Previews

## White Background



This preview shows how the Android color 4294093129 looks on a white background.

## Color Contrast Check

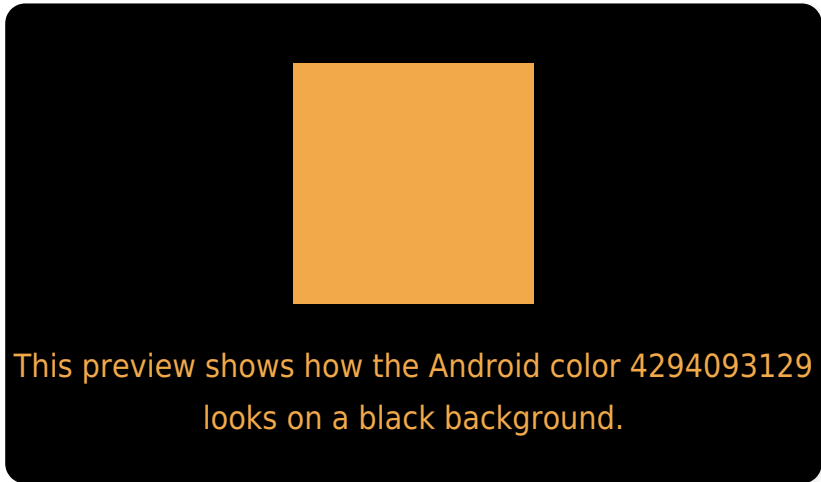
Large Text (above 18pt) WCAG AA × Fail

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 4294093129 Background



This preview shows how black text looks on a background with the Android color 4294093129.



This preview shows how white text looks on a background with the Android color 4294093129.

# 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**  
4294093129

**Protanopia**  
4291672141

**Deuteranopia**  
4293242695



**Tritanopia**  
4294483883

# Trichromacy



**Original Color**  
4294093129

**Protanomaly**  
4292522828

**Deuteranomaly**  
4293569864

**Tritanomaly**  
4294353799

# Monochromacy



**Original Color**  
4294093129

**Achromatopsia**  
4290032820

**Achromatomaly**  
4291539085

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294093129 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(242, 169, 73)` looks like.

```
.text, #text, p{  
    color:rgb(242, 169, 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(242, 169, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 169, 73) }
```

## Border

The CSS property to change the border of an element to Android 4294093129 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(242, 169, 73) }
```

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

```
.border{ border-color:rgb(242, 169, 73) }
```

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

Here you see how a box with a 4 pixel rgb(242, 169, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 169, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 169, 73);  
box-shadow:4px 4px 4px 4px rgb(242, 169,  
73) }
```

# Background

The CSS property to change the background color of an element to Android 4294093129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 169, 73) }
```

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

```
.background{ background-color: rgb(242,  
169, 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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor