

# Converting Colors

Android(4294086190)

Have a look what the booklet for  
Android(4294086190) contains.

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# **Color**

**Android(4294086190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F28E2E
RGB	242, 142, 46
RGB Percent	95%, 56%, 18%
CMY	0.0510, 0.4431, 0.8196
CMYK	0.00, 0.41, 0.81, 0.05
HSL	29°, 88%, 56%
HSV	29°, 81%, 95%
XYZ	46.7841, 38.4205, 7.5349
YIQ	160.9560, 90.4160, -8.6560

# Conversions

## Conversions Part 2

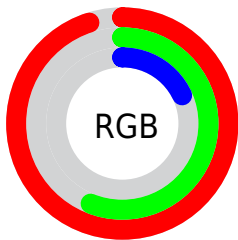
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 234, 46
Decimal	15896110
CIE Lab	68.33, 31.29, 63.28
CIE LCh	68, 70.598, 63.689
Yxy	38.4205, 0.5045, 0.4143
Android (android.graphics.Color)	4294086190 (0xFFFF28E2E)
YUV	160.9560, -56.6733, 71.0756
Hunter-Lab	61.9843, 26.2546, 36.1816

# Details

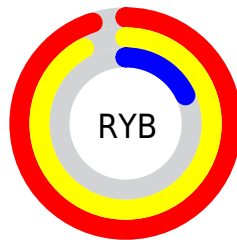
The Android color **4294086190** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **4281242354**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294952036**, and **4290009856** is the 20% darker color. If you saturate the color by 10%, you get **4294083094**, and if you desaturate by 10%, it is **4294089286**.

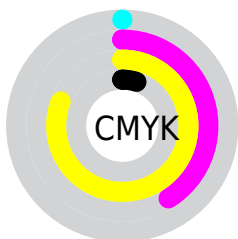
# Distribution



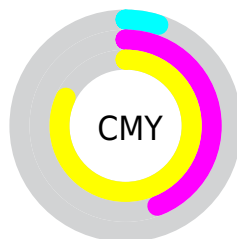
- Red (95%)
- Green (56%)
- Blue (18%)



- Red (95%)
- Yellow (92%)
- Blue (18%)



- Cyan (0%)
- Magenta (41%)
- Yellow (81%)
- Black (5%)



- Cyan (5%)
- Magenta (44%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294086190 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 4294086190 by changing the saturation by 10% instead.



 4294086190

 4294086190

4294967295

 4292047885

 4294952036

 4290009856

 4294959231

 4287971840

 4294966682

 4285999872

 4294967222

 4284092928

 4294967250

 4282253312

 4294967279

 4280680449

 4278190080

 4294086190

 4294086190

4294083094

4294089286

4294080256

4294092638

4294095735

4294098831

4294102183

4294105279

4294108375

4294111728

4294114815

# Harmonies

## Analogous

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



4294931299



4294086190



4290749958

# Triad

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



4294086190



4278240429



4289827583

# Complementary

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



4294086190



4281242354

# 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.



4278234367



4294086190



4278240236

# Square

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



4294086190



4278239339



4278238463



4294538720

# Rectangle

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



4294086190



4288000542



4278238463



4287405055



# Sweetspot

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



4294086190



4294959298



4294061715



4286606683



4278190080



4286611584



# Same Dimension

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



4294086190



4294934792



4294111022



4286083692



4290271744



4281867008

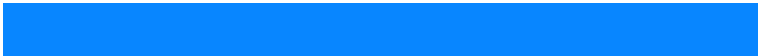


# Inverse Universe

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



4281242354



4278748927



4281217522



4285297272



4278214328



4278197560



# Previews

## White Background



This preview shows how the Android color 4294086190 looks on a white background.

## Color Contrast Check

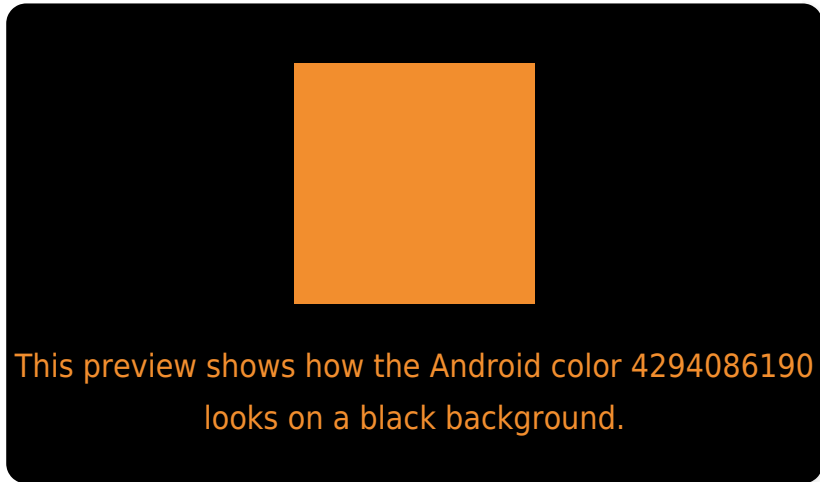
Large Text (above 18pt) WCAG AA × Fail

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 4294086190 Background



This preview shows how black text looks on a background with the Android color 4294086190.



This preview shows how white text looks on a background with the Android color 4294086190.

# 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**  
4294086190

**Protanopia**  
4290488117

**Deuteranopia**  
4291993127



**Tritanopia**  
4294411662

# Trichromacy



**Original Color**  
4294086190

**Protanomaly**  
4291796530

**Deuteranomaly**  
4292778026

**Tritanomaly**  
4294281323

# Monochromacy



**Original Color**  
4294086190

**Achromatopsia**  
4288782753

**Achromatomaly**  
4290681463

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294086190 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, 142, 46)` looks like.

```
.text, #text, p{  
    color:rgb(242, 142, 46)  
}
```

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, 142, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 142, 46) }
```

## Border

The CSS property to change the border of an element to Android 4294086190 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, 142, 46) }
```

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

```
.border{ border-color:rgb(242, 142, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 142, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 142, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 142, 46);  
box-shadow:4px 4px 4px 4px rgb(242, 142,  
46) }
```

# Background

The CSS property to change the background color of an element to Android 4294086190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 142, 46) }
```

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

```
.background{ background-color: rgb(242,  
142, 46) }
```

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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