

# Converting Colors

Android(4293237310)

Have a look what the booklet for  
Android(4293237310) contains.

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# **Color**

**Android(4293237310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E59A3E
RGB	229, 154, 62
RGB Percent	90%, 60%, 24%
CMY	0.1020, 0.3961, 0.7569
CMYK	0.00, 0.33, 0.73, 0.10
HSL	33°, 76%, 57%
HSV	33°, 73%, 90%
XYZ	44.7382, 40.1170, 9.9428
YIQ	165.9370, 74.2320, -12.7120

# Conversions

## Conversions Part 2

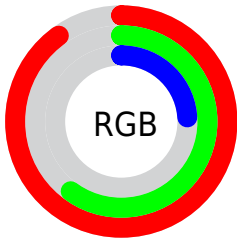
Format	Color
<a href="#">RYB</a>	<a href="#">198, 229, 62</a>
Decimal	<a href="#">15047230</a>
CIELab	<a href="#">69.55, 20.18, 57.44</a>
CIELCh	<a href="#">70, 60.883, 70.644</a>
Yxy	<a href="#">40.1170, 0.4719, 0.4232</a>
Android (android.graphics.Color)	<a href="#">4293237310 (0xFFE59A3E)</a>
YUV	<a href="#">165.9370, -51.2409, 55.3063</a>
Hunter-Lab	<a href="#">63.3380, 15.2403, 35.0292</a>

# Details

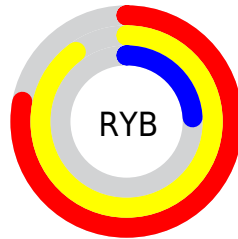
The Android color `4293237310` is a dark color, and the websafe version is hex `CC9933`. The color can be described as middle washed orange. A complement of this color would be `4282288613`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4294955122`, and `4289292032` is the 20% darker color. If you saturate the color by 10%, you get `4293234727`, and if you desaturate by 10%, it is `4293239893`.

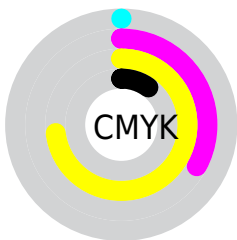
# Distribution



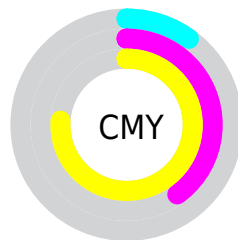
- Red (90%)
- Green (60%)
- Blue (24%)



- Red (78%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (33%)
- Yellow (73%)
- Black (10%)



- Cyan (10%)
- Magenta (40%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293237310 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 4293237310 by changing the saturation by 10% instead.





4293237310



4293237310

4294967295



4291264547



4294955122



4289292032



4294962573



4287319808



4294967209



4285413120



4294967237



4283572480



4294967265



4281797632

4294967294



4280287233



4278190080



4293237310



4293237310

 4293234727

 4293239893

 4293231888

 4293242732

 4293230080

 4293245315

 4293247898

 4293250481

 4293253319

 4293255902

 4293258485

 4293261311

# Harmonies

## Analogous

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



4294935909



4293237310



4290096436

# Triad

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



4293237310



4278240701



4291269630

# Complementary

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



4293237310



4282288613

# 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.



4284852735



4293237310



4278239985

# Square

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



4293237310



4278239875



4278237951



4294737616

# Rectangle

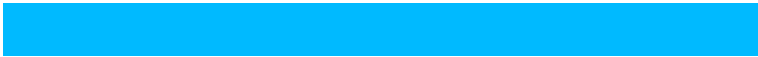
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293237310



4287608644



4278237951



4289567743

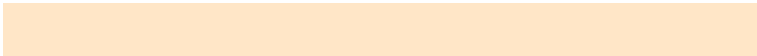


# Sweetspot

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



4293237310



4294960839



4293213833



4286607710



4278190080



4286611584



# Same Dimension

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



4293237310



4294941215



4292732222



4285754983



4289946112



4281539584



# Inverse Universe

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



4282288613



4280255487



4282793701



4284968051



4278210739



4278196019



# Previews

## White Background



This preview shows how the Android color 4293237310 looks on a white background.

## Color Contrast Check

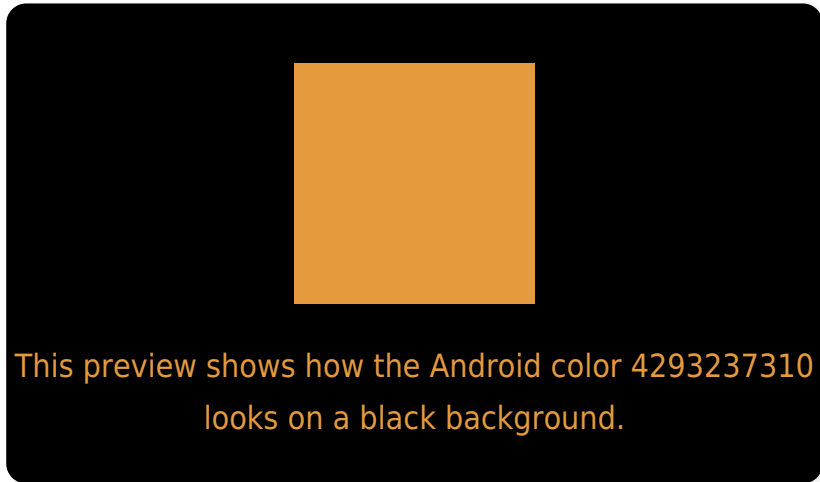
Large Text (above 18pt) WCAG AA × Fail

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 4293237310 Background



This preview shows how black text looks on a background with the Android color 4293237310.



This preview shows how white text looks on a background with the Android color 4293237310.

# 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**  
4293237310

**Protanopia**  
4290685763

**Deuteranopia**  
4292190780



**Tritanopia**  
4293628059

# Trichromacy



**Original Color**  
4293237310

**Protanomaly**  
4291601729

**Deuteranomaly**  
4292583229

**Tritanomaly**  
4293497977

# Monochromacy



**Original Color**  
4293237310

**Achromatopsia**  
4289111718

**Achromatomaly**  
4290617984

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293237310 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(229, 154, 62)` looks like.

```
.text, #text, p{  
    color:rgb(229, 154, 62)  
}
```

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(229, 154, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 154, 62) }
```

## Border

The CSS property to change the border of an element to Android 4293237310 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(229, 154, 62) }
```

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

```
.border{ border-color:rgb(229, 154, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 154, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 154, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 154, 62);  
box-shadow:4px 4px 4px 4px rgb(229, 154,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4293237310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 154, 62) }
```

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

```
.background{ background-color: rgb(229,  
154, 62) }
```

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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