

# Converting Colors

Android(4294229310)

Have a look what the booklet for  
Android(4294229310) contains.

<b>Android(4294229310)</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(4294229310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4BD3E
RGB	244, 189, 62
RGB Percent	96%, 74%, 24%
CMY	0.0431, 0.2588, 0.7569
CMYK	0.00, 0.23, 0.75, 0.04
HSL	42°, 89%, 60%
HSV	42°, 75%, 96%
XYZ	56.3753, 55.9761, 12.3906
YIQ	190.9670, 73.5470, -27.8370

# Conversions

## Conversions Part 2

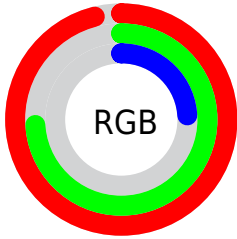
Format	Color
<a href="#">RYB</a>	<a href="#">141, 244, 62</a>
Decimal	<a href="#">16039230</a>
CIELab	<a href="#">79.60, 8.03, 67.91</a>
CIELCh	<a href="#">80, 68.383, 83.256</a>
Yxy	<a href="#">55.9761, 0.4519, 0.4487</a>
Android (android.graphics.Color)	<a href="#">4294229310</a> ( <a href="#">0xFFFF4BD3E</a> )
YUV	<a href="#">190.9670, -63.5807, 46.5099</a>
Hunter-Lab	<a href="#">74.8172, 3.5711, 42.5529</a>

# Details

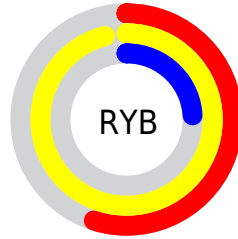
The Android color `4294229310` is a light color, and the websafe version is hex `FFCC33`. The color can be described as light washed orange. A complement of this color would be `4282283508`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4294964597`, and `4290217984` is the 20% darker color. If you saturate the color by 10%, you get `4294227494`, and if you desaturate by 10%, it is `4294231126`.

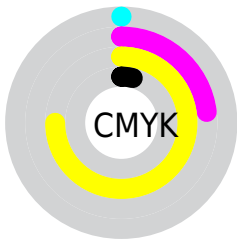
# Distribution



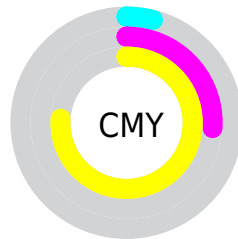
- Red (96%)
- Green (74%)
- Blue (24%)



- Red (55%)
- Yellow (96%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (75%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294229310 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 4294229310 by changing the saturation by 10% instead.



 4294229310

 4294229310

4294967295

 4292190751

 4294964597

 4290217984

 4294967185

 4288311040

 4294967213

 4286404352

 4294967242

 4284497920

 4294967271

 4282722816

 4281013760

 4279238656

 4278190080

■ 4294229310

■ 4294229310

■ 4294227494

■ 4294231126

■ 4294225421

■ 4294233199

■ 4294224384

■ 4294235015

■ 4294236832

■ 4294238904

■ 4294240720

■ 4294242793

■ 4294244607

■ 4294246399

# Harmonies

## Analogous

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



4294943840



4294229310



4290236743

# Triad

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



4294229310



4278248694



4294942975

# Complementary

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



4294229310



4282283508

# Split Complementary

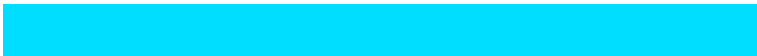
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4289641215



4294229310



4278247167

# Square

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



4294229310



4278248372



4278243839



4294938070

# Rectangle

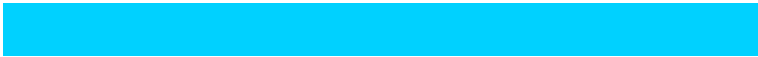
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294229310



4287027811



4278243839



4293765375

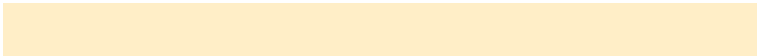


# Sweetspot

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



4294229310



4294962887



4294196856



4286608734



4278190080



4286611584



# Same Dimension

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



4294229310



4294949401



4292080702



4286216046



4290413056



4282067200



# Inverse Universe

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



4282283508



4279853055



4284432116



4285428346



4278204602



4278194747



# Previews

## White Background



This preview shows how the Android color 4294229310 looks on a white background.

## Color Contrast Check

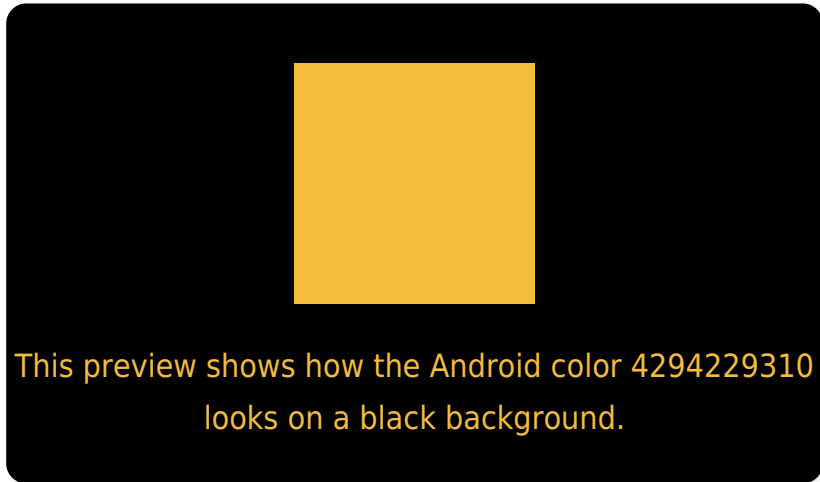
Large Text (above 18pt) WCAG AA × Fail

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 4294229310 Background



This preview shows how black text looks on a background with the Android color 4294229310.



This preview shows how white text looks on a background with the Android color 4294229310.

# 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**  
4294229310

**Protanopia**  
4292724288

**Deuteranopia**  
4294425663



**Tritanopia**  
4294816190

# Trichromacy



**Original Color**  
4294229310

**Protanomaly**  
4293247807

**Deuteranomaly**  
4294360127

**Tritanomaly**  
4294620559

# Monochromacy



**Original Color**  
4294229310

**Achromatopsia**  
4290756543

**Achromatomaly**  
4292001424

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294229310 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(244, 189, 62)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 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(244, 189, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 62) }
```

## Border

The CSS property to change the border of an element to Android 4294229310 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(244, 189, 62) }
```

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

```
.border{ border-color:rgb(244, 189, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 189, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 62);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4294229310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 62) }
```

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

```
.background{ background-color: rgb(244,  
189, 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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