

# Converting Colors

Android(4293434201)

Have a look what the booklet for  
Android(4293434201) contains.

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# **Color**

**Android(4293434201)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E89B59                     |
| RGB         | 232, 155, 89               |
| RGB Percent | 91%, 61%, 35%              |
| CMY         | 0.0902, 0.3922, 0.6510     |
| CMYK        | 0.00, 0.33, 0.62, 0.09     |
| HSL         | 28°, 76%, 63%              |
| HSV         | 28°, 62%, 91%              |
| XYZ         | 46.8032, 41.3198, 14.9599  |
| YIQ         | 170.4990, 67.0780, -4.2020 |

# Conversions

## Conversions Part 2

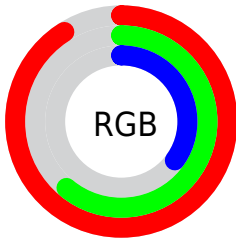
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">232, 212, 89</a>                    |
| Decimal                             | <a href="#">15244121</a>                        |
| CIELab                              | <a href="#">70.40, 22.42, 45.76</a>             |
| CIELCh                              | <a href="#">70, 50.962, 63.895</a>              |
| Yxy                                 | <a href="#">41.3198, 0.4540,<br/>0.4008</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4293434201<br/>(0xFFE89B59)</a>     |
| YUV                                 | <a href="#">170.4990, -40.1790,<br/>53.9364</a> |
| Hunter-Lab                          | <a href="#">64.2805, 17.4768,<br/>31.1978</a>   |

# Details

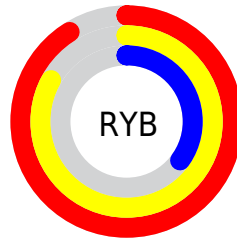
The Android color `4293434201` is a light color, and the websafe version is hex `FF9966`. The color can be described as light muted orange. A complement of this color would be `4284065512`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4294955661`, and `4289488936` is the 20% darker color. If you saturate the color by 10%, you get `4293431106`, and if you desaturate by 10%, it is `4293437296`.

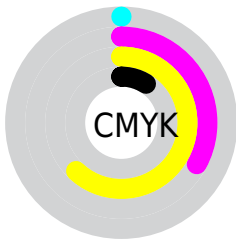
# Distribution



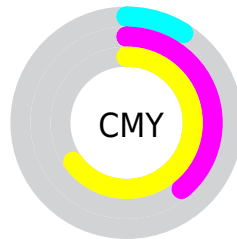
- Red (91%)
- Green (61%)
- Blue (35%)



- Red (91%)
- Yellow (83%)
- Blue (35%)



- Cyan (0%)
- Magenta (33%)
- Yellow (62%)
- Black (9%)



- Cyan (9%)
- Magenta (39%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293434201 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 4293434201 by changing the saturation by 10% instead.





4293434201



4293434201

4294967295



4291461440



4294955661



4289488936



4294962856



4287581965



4294967235



4285741056



4294967264



4283900160



4294967292



4282059520



4280614913



4278190080



4293434201



4293434201

 4293431106

 4293437296

 4293427755

 4293440647

 4293424659

 4293443743

 4293421824

 4293447094

 4293450189

 4293453540

 4293456635

 4293459967

# Harmonies

## Analogous

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



4294937467



4293434201



4290948172

# Triad

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



4293434201



4278240433



4290289401

# Complementary

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



4293434201



4284065512

# 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.



4284919807



4293434201



4278239966

# Square

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



4293434201



4283678850



4278238463



4293561814

# Rectangle

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



4293434201



4288918868



4278238463



4288718079

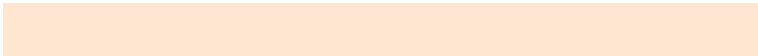


# Sweetspot

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



4293434201



4294960849



4293417384



4286607459



4278190080



4286611584



# Same Dimension

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



4293434201



4294940994



4293452121



4285754727



4289942016



4281538560



# Inverse Universe

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



4284065512



4282558719



4284047592



4284968307



4278214835



4278197043



# Previews

## White Background



This preview shows how the Android color 4293434201 looks on a white background.

## Color Contrast Check

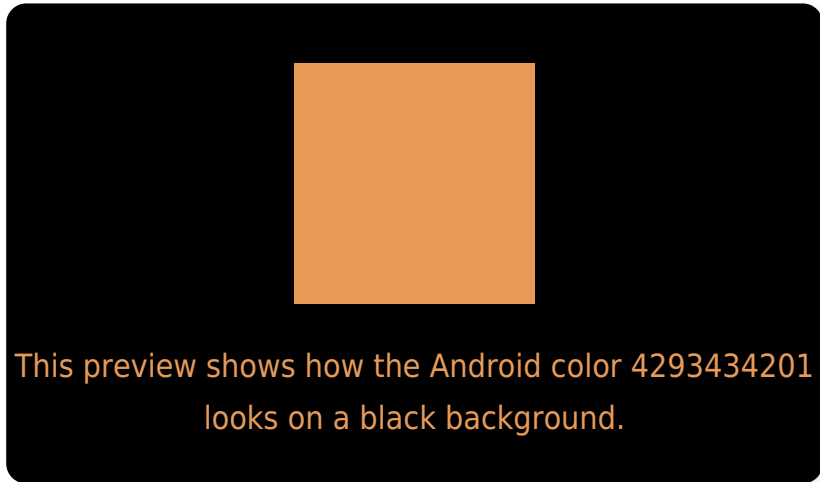
Large Text (above 18pt) WCAG AA × Fail

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

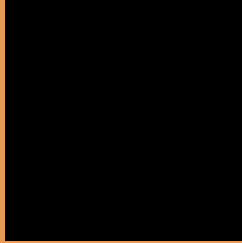
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4293434201 Background



This preview shows how black text looks on a background with the Android color 4293434201.



This preview shows how white text looks on a background with the Android color 4293434201.

# 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





# Trichromacy



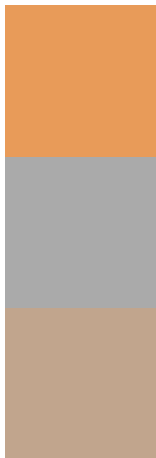
**Original Color**  
4293434201

**Protanomaly**  
4291667549

**Deuteranomaly**  
4292583768

**Tritanomaly**  
4293629573

# Monochromacy



**Original Color**  
4293434201

**Achromatopsia**  
4289374890

**Achromatomaly**  
4290880909

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293434201 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(232, 155, 89)` looks like.

```
.text, #text, p{  
    color:rgb(232, 155, 89)  
}
```

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(232, 155, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 155, 89) }
```

## Border

The CSS property to change the border of an element to Android 4293434201 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(232, 155, 89) }
```

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

```
.border{ border-color:rgb(232, 155, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 155, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 155, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 155, 89);  
box-shadow:4px 4px 4px 4px rgb(232, 155,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4293434201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 155, 89) }
```

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

```
.background{ background-color: rgb(232,  
155, 89) }
```

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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