

# Converting Colors

Android(4293305406)

Have a look what the booklet for  
Android(4293305406) contains.

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# **Color**

**Android(4293305406)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6A43E
RGB	230, 164, 62
RGB Percent	90%, 64%, 24%
CMY	0.0980, 0.3569, 0.7569
CMYK	0.00, 0.29, 0.73, 0.10
HSL	36°, 77%, 57%
HSV	36°, 73%, 90%
XYZ	46.7781, 43.7217, 10.5311
YIQ	172.1060, 72.0780, -17.7300

# Conversions

## Conversions Part 2

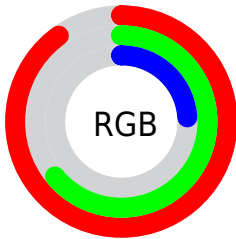
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 230, 62
Decimal	15115326
CIELab	72.04, 15.27, 59.99
CIELCh	72, 61.905, 75.717
Yxy	43.7217, 0.4630, 0.4328
Android (android.graphics.Color)	4293305406 (0xFFE6A43E)
YUV	172.1060, -54.2823, 50.7730
Hunter-Lab	66.1224, 10.5651, 36.8428

# Details

The Android color **4293305406** 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 **4282286310**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294957939**, and **4289359872** is the 20% darker color. If you saturate the color by 10%, you get **4293303079**, and if you desaturate by 10%, it is **4293307733**.

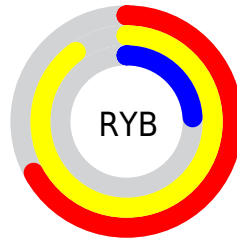
# Distribution



Red (90%)

Green (64%)

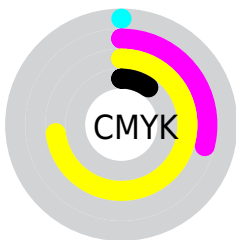
Blue (24%)



Red (67%)

Yellow (90%)

Blue (24%)

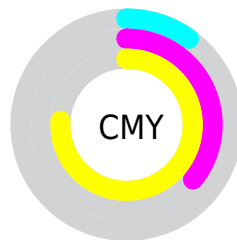


Cyan (0%)

Magenta (29%)

Yellow (73%)

Black (10%)



Cyan (10%)

Magenta (36%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293305406 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 4293305406 by changing the saturation by 10% instead.





4293305406



4293305406

4294967295



4291332642



4294957939



4289359872



4294965134



4287387648



4294967210



4285546752



4294967238



4283706112



4294967267



4281931264



4280352768



4278190080



4293305406



4293305406

4293303079

4293307733

4293300752

4293310060

4293299200

4293312387

4293314714

4293317041

4293319368

4293321695

4293324022

4293326335

# Harmonies

## Analogous

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



4294938210



4293305406



4289967931

# Triad

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



4293305406



4278242509



4292515327

# Complementary

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



4293305406



4282286310

# 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.



4286688511



4293305406



4278241791

# Square

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



4293305406



4278242195



4278238975



4294934990

# Rectangle

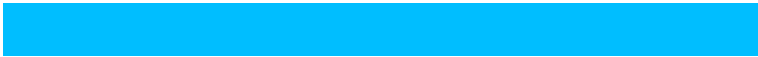
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293305406



4287283279



4278238975



4290944511

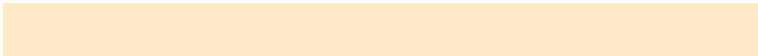


# Sweetspot

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



4293305406



4294961607



4293279361



4286607966



4278190080



4286611584



# Same Dimension

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



4293305406



4294944543



4292208190



4285754983



4289948672



4281540352



# Inverse Universe

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



4282286310



4280252415



4283383526



4284968051



4278208179

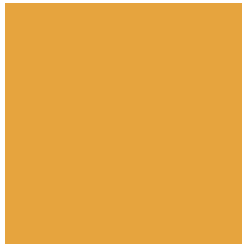


4278195251



# Previews

## White Background



This preview shows how the Android color 4293305406 looks on a white background.

## Color Contrast Check

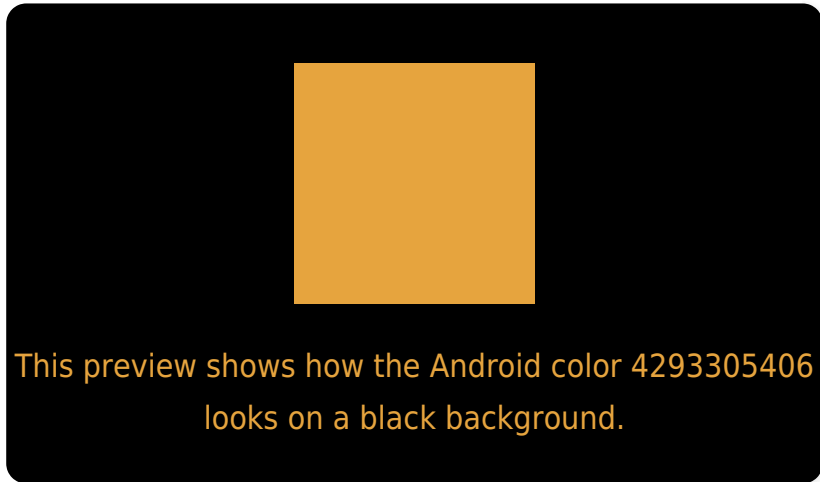
Large Text (above 18pt) WCAG AA × Fail

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 4293305406 Background



This preview shows how black text looks on a background with the Android color 4293305406.



This preview shows how white text looks on a background with the Android color 4293305406.

# 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**  
4293305406

**Protanopia**  
4291211586

**Deuteranopia**  
4292716605



**Tritanopia**  
4293761701

# Trichromacy



**Original Color**  
4293305406

**Protanomaly**  
4291996737

**Deuteranomaly**  
4292912957

**Tritanomaly**  
4293566080

# Monochromacy



**Original Color**  
4293305406

**Achromatopsia**  
4289506476

**Achromatomaly**  
4290881924

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293305406 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(230, 164, 62)` looks like.

```
.text, #text, p{  
    color:rgb(230, 164, 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(230, 164, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 164, 62) }
```

## Border

The CSS property to change the border of an element to Android 4293305406 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(230, 164, 62) }
```

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

```
.border{ border-color:rgb(230, 164, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 164, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 164, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 164, 62);  
box-shadow:4px 4px 4px 4px rgb(230, 164,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4293305406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 164, 62) }
```

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

```
.background{ background-color: rgb(230,  
164, 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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