

Converting Colors

Android(4293436222)

Have a look what the booklet for
Android(4293436222) contains.

Android(4293436222)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4293436222)

Conversions

Conversions Part 1

Format	Color
Hex	E8A33E
RGB	232, 163, 62
RGB Percent	91%, 64%, 24%
CMY	0.0902, 0.3608, 0.7569
CMYK	0.00, 0.30, 0.73, 0.09
HSL	36°, 79%, 58%
HSV	36°, 73%, 91%
XYZ	47.2454, 43.6980, 10.5019
YIQ	172.1170, 73.5450, -16.7830

Conversions

Conversions Part 2

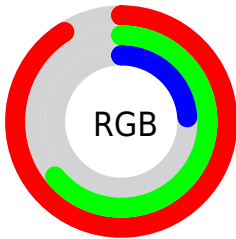
Format	Color
RYB	178, 232, 62
Decimal	15246142
CIELab	72.03, 16.65, 60.05
CIELCh	72, 62.315, 74.501
Yxy	43.6980, 0.4657, 0.4308
Android (android.graphics.Color)	4293436222 (0xFFE8A33E)
YUV	172.1170, -54.2877, 52.5174
Hunter-Lab	66.1045, 11.8926, 36.8538

Details

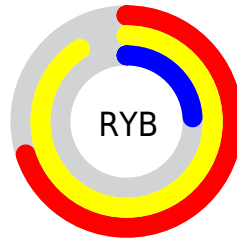
The Android color **4293436222** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **4282287080**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294957683**, and **4289490688** is the 20% darker color. If you saturate the color by 10%, you get **4293433895**, and if you desaturate by 10%, it is **4293438549**.

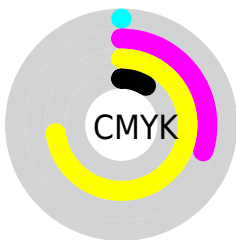
Distribution



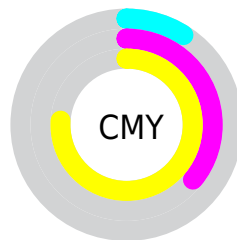
- Red (91%)
- Green (64%)
- Blue (24%)



- Red (70%)
- Yellow (91%)
- Blue (24%)



- Cyan (0%)
- Magenta (30%)
- Yellow (73%)
- Black (9%)



- Cyan (9%)
- Magenta (36%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293436222 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 4293436222 by changing the saturation by 10% instead.



4293436222



4293436222

4294967295



4291463458



4294957683



4289490688



4294964878



4287518464



4294967210



4285612032



4294967238



4283771392



4294967267



4281996544



4280483840



4278190080



4293436222



4293436222

 4293433895

 4293438549

 4293431312

 4293441132

 4293429760

 4293443460

 4293446043

 4293448370

 4293450697

 4293453280

 4293455608

 4293458175

Harmonies

Analogous

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



4294937955



4293436222



4290098745

Triad

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



4293436222



4278242507



4292318975

Complementary

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



4293436222



4282287080

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.



4286295551



4293436222



4278241791

Square

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



4293436222



4278241936



4278239231



4294934992

Rectangle

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



4293436222



4287414349



4278239231



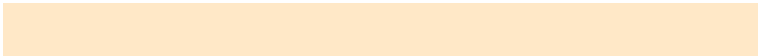
4290682623

Sweetspot

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



4293436222



4294961351



4293410437



4286607966



4278190080



4286611584

Same Dimension

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



4293436222



4294943775



4292536382



4285754983



4289948160



4281540096

Inverse Universe

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



4282287080



4280253183



4283186920



4284968051



4278208691



4278195507

Previews

White Background



This preview shows how the Android color 4293436222 looks on a white background.

Color Contrast Check

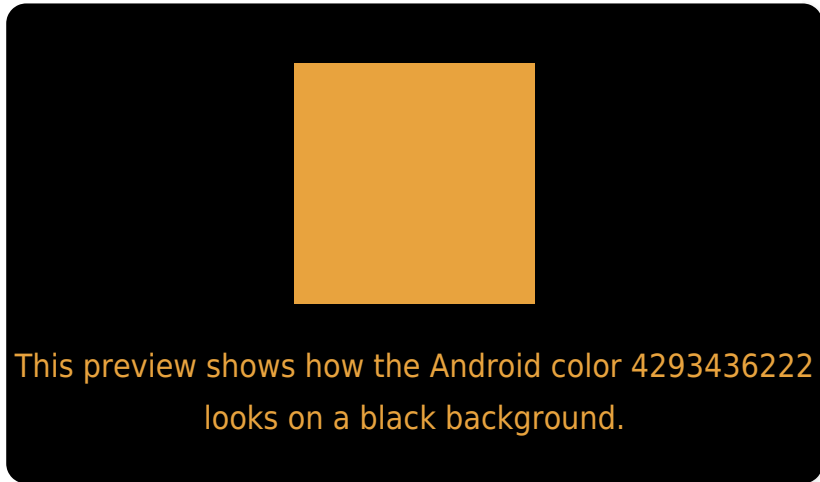
Large Text (above 18pt) WCAG AA × Fail

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 4293436222 Background



This preview shows how black text looks on a background with the Android color 4293436222.



This preview shows how white text looks on a background with the Android color 4293436222.

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
4293436222

Protanopia
4291146050

Deuteranopia
4292716604



Tritanopia
4293892516

Trichromacy



Original Color
4293436222

Protanomaly
4291996737

Deuteranomaly
4292978237

Tritanomaly
4293696895

Monochromacy



Original Color
4293436222

Achromatopsia
4289506476

Achromatomaly
4290947460

CSS Examples

Text

The CSS property to change the color of the text to Android 4293436222 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, 163, 62)` looks like.

```
.text, #text, p{  
    color:rgb(232, 163, 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(232, 163, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 163, 62) }
```

Border

The CSS property to change the border of an element to Android 4293436222 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, 163, 62) }
```

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

```
.border{ border-color:rgb(232, 163, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 163, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 163, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 163, 62);  
box-shadow:4px 4px 4px 4px rgb(232, 163,  
62) }
```

Background

The CSS property to change the background color of an element to Android 4293436222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 163, 62) }
```

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

```
.background{ background-color: rgb(232,  
163, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor