

Converting Colors

Android(4293628706)

Have a look what the booklet for
Android(4293628706) contains.

Android(4293628706)	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(4293628706)

Conversions

Conversions Part 1

Format	Color
Hex	EB9322
RGB	235, 147, 34
RGB Percent	92%, 58%, 13%
CMY	0.0784, 0.4235, 0.8667
CMYK	0.00, 0.37, 0.86, 0.08
HSL	34°, 83%, 53%
HSV	34°, 86%, 92%
XYZ	44.9834, 38.6451, 6.6017
YIQ	160.4300, 88.7210, -16.4870

Conversions

Conversions Part 2

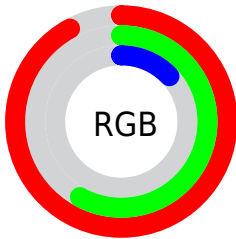
Format	Color
RYB	191, 235, 34
Decimal	15438626
CIELab	68.49, 25.45, 67.11
CIElCh	68, 71.773, 69.228
Yxy	38.6451, 0.4985, 0.4283
Android (android.graphics.Color)	4293628706 (0xFFEB9322)
YUV	160.4300, -62.3300, 65.3979
Hunter-Lab	62.1652, 20.3755, 37.2192

Details

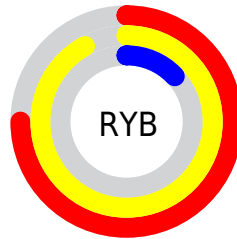
The Android color **4293628706** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **4280449771**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294953307**, and **4289552384** is the 20% darker color. If you saturate the color by 10%, you get **4293626122**, and if you desaturate by 10%, it is **4293631289**.

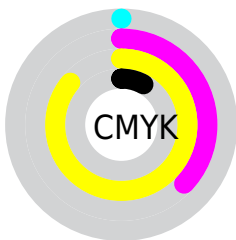
Distribution



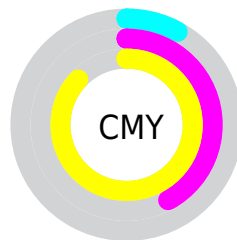
- Red (92%)
- Green (58%)
- Blue (13%)



- Red (75%)
- Yellow (92%)
- Blue (13%)



- Cyan (0%)
- Magenta (37%)
- Yellow (86%)
- Black (8%)



- Cyan (8%)
- Magenta (42%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293628706 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 4293628706 by changing the saturation by 10% instead.



4293628706



4293628706

4294967295



4291590400



4294953307



4289552384



4294960502



4287580160



4294967185



4285608192



4294967213



4283701760



4294967242



4281926656



4294967271



4280352769



4278190080



4293628706



4293628706

 4293626122

 4293631289

 4293624832

 4293634129

 4293636712

 4293639296

 4293641880

 4293644719

 4293647302

 4293649886

 4293652725

Harmonies

Analogous

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



4294932312



4293628706



4290030080

Triad

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



4293628706



4278240698



4291005951

Complementary

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



4293628706



4280449771

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.



4281051391



4293628706



4278240248

Square

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



4293628706



4278239862



4278237951



4294930647

Rectangle

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



4293628706



4287149605



4278237951



4288845567

Sweetspot

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



4293628706



4294959805



4293599868



4286606936



4278190080



4286611584

Same Dimension

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



4293628706



4294938368



4292995874



4285886570



4290078208



4281736704

Inverse Universe

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



4280449771



4278219007



4281082603



4285165429



4278210485



4278196022

Previews

White Background



This preview shows how the Android color 4293628706 looks on a white background.

Color Contrast Check

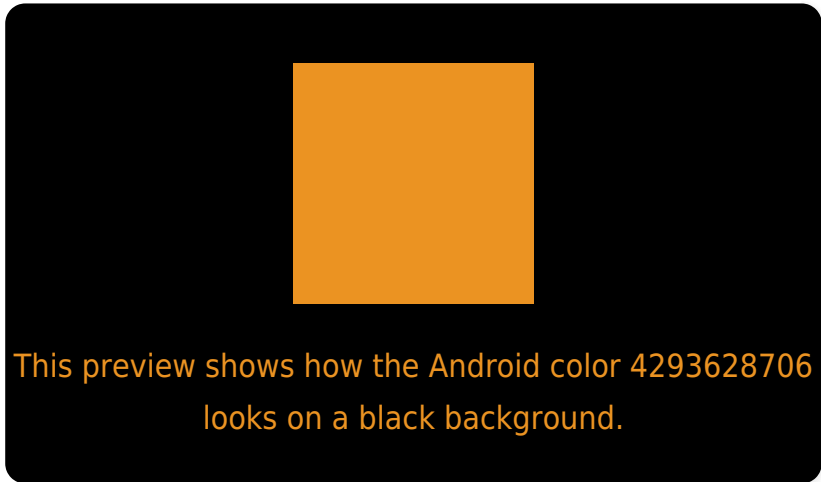
Large Text (above 18pt) WCAG AA × Fail

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 4293628706 Background



This preview shows how black text looks on a background with the Android color 4293628706.



This preview shows how white text looks on a background with the Android color 4293628706.

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
4293628706

Protanopia
4290553895

Deuteranopia
4292058907



Tritanopia
4294019475

Trichromacy



Original Color
4293628706

Protanomaly
4291665957

Deuteranomaly
4292647710

Tritanomaly
4293889386

Monochromacy



Original Color
4293628706

Achromatopsia
4288716960

Achromatomaly
4290485106

CSS Examples

Text

The CSS property to change the color of the text to Android 4293628706 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(235, 147, 34)` looks like.

```
.text, #text, p{  
    color:rgb(235, 147, 34)  
}
```

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(235, 147, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 147, 34) }
```

Border

The CSS property to change the border of an element to Android 4293628706 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(235, 147, 34) }
```

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

```
.border{ border-color:rgb(235, 147, 34) }
```

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

Here you see how a box with a 4 pixel rgb(235, 147, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 147, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 147, 34);  
box-shadow:4px 4px 4px 4px rgb(235, 147,  
34) }
```

Background

The CSS property to change the background color of an element to Android 4293628706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 147, 34) }
```

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

```
.background{ background-color: rgb(235,  
147, 34) }
```

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