

Converting Colors

Android(4293298734)

Have a look what the booklet for
Android(4293298734) contains.

Android(4293298734)	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(4293298734)

Conversions

Conversions Part 1

Format	Color
Hex	E68A2E
RGB	230, 138, 46
RGB Percent	90%, 54%, 18%
CMY	0.0980, 0.4588, 0.8196
CMYK	0.00, 0.40, 0.80, 0.10
HSL	30°, 79%, 54%
HSV	30°, 80%, 90%
XYZ	42.2147, 35.1972, 7.1535
YIQ	155.0200, 84.3640, -9.1080

Conversions

Conversions Part 2

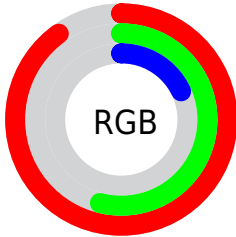
Format	Color
R _Y B	230, 230, 46
Decimal	15108654
CIE Lab	65.90, 28.46, 60.51
CIE LCh	66, 66.867, 64.810
Yxy	35.1972, 0.4992, 0.4162
Android (android.graphics.Color)	4293298734 (0xFFE68A2E)
YUV	155.0200, -53.7469, 65.7575
Hunter-Lab	59.3272, 23.1904, 34.3800

Details

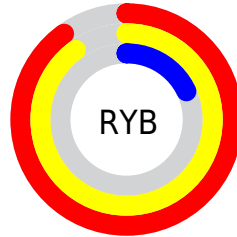
The Android color **4293298734** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **4281240294**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4294951011**, and **4289222400** is the 20% darker color. If you saturate the color by 10%, you get **4293295895**, and if you desaturate by 10%, it is **4293301829**.

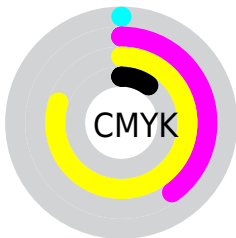
Distribution



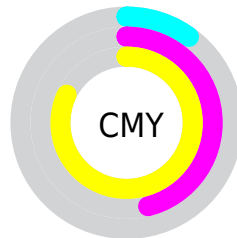
- Red (90%)
- Green (54%)
- Blue (18%)



- Red (90%)
- Yellow (90%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (10%)



- Cyan (10%)
- Magenta (46%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293298734 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 4293298734 by changing the saturation by 10% instead.



4293298734



4293298734

4294967295



4291260431



4294951011



4289222400



4294958206



4287315712



4294965657



4285343744



4294967220



4283437056



4294967249



4281663488



4294967278



4279697408



4278190080



4293298734



4293298734

4293295895

4293301829

4293292800

4293304668

4293307763

4293310602

4293313441

4293316536

4293319631

4293322470

4293325565

Harmonies

Analogous

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



4294930783



4293298734



4290093073

Triad

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



4293298734



4278238376



4289629439

Complementary

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



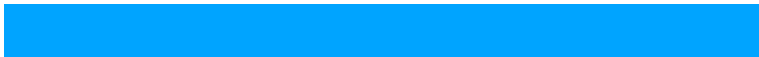
4293298734



4281240294

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.



4278232319



4293298734



4278238179

Square

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



4293298734



4278237546



4278236415



4293948116

Rectangle

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



4293298734



4287540260



4278236415



4287403519

Sweetspot

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



4293298734



4294959298



4293275274



4286606683



4278190080



4286611584

Same Dimension

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



4293298734



4294935818



4293322286



4285754727



4289943808



4281539072

Inverse Universe

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



4281240294



4278879743



4281216742



4284968307



4278213043



4278196787

Previews

White Background



This preview shows how the Android color 4293298734 looks on a white background.

Color Contrast Check

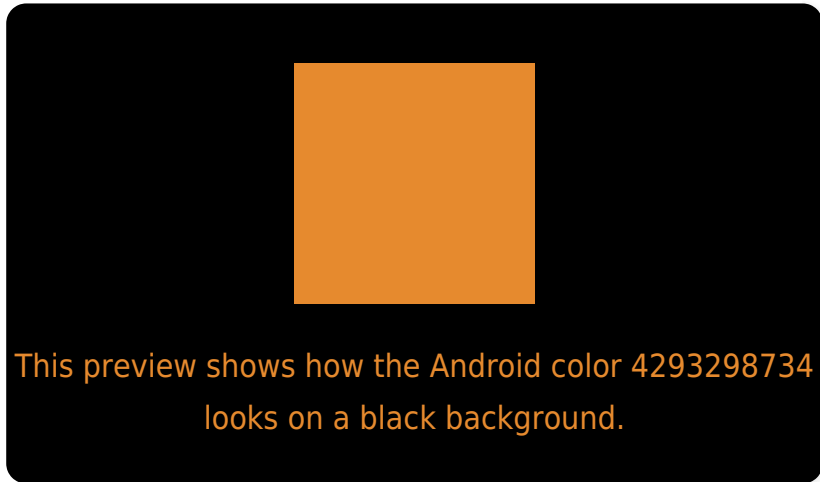
Large Text (above 18pt) WCAG AA × Fail

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 4293298734 Background



This preview shows how black text looks on a background with the Android color 4293298734.



This preview shows how white text looks on a background with the Android color 4293298734.

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
4293298734

Protanopia
4290027828

Deuteranopia
4291467304

Trichromacy



Original Color
4293298734

Protanomaly
4291205426

Deuteranomaly
4292121386

Tritanomaly
4293493865

Monochromacy



Original Color
4293298734

Achromatopsia
4288387995

Achromatomaly
4290155891

CSS Examples

Text

The CSS property to change the color of the text to Android 4293298734 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, 138, 46)` looks like.

```
.text, #text, p{  
    color:rgb(230, 138, 46)  
}
```

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, 138, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 138, 46) }
```

Border

The CSS property to change the border of an element to Android 4293298734 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, 138, 46) }
```

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

```
.border{ border-color:rgb(230, 138, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 138, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 138, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 138, 46);  
box-shadow:4px 4px 4px 4px rgb(230, 138,  
46) }
```

Background

The CSS property to change the background color of an element to Android 4293298734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 138, 46) }
```

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

```
.background{ background-color: rgb(230,  
138, 46) }
```

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