

Converting Colors

Android(4291730998)

Have a look what the booklet for
Android(4291730998) contains.

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Color

Android(4291730998)

Conversions

Conversions Part 1

Format	Color
Hex	CE9E36
RGB	206, 158, 54
RGB Percent	81%, 62%, 21%
CMY	0.1922, 0.3804, 0.7882
CMYK	0.00, 0.23, 0.74, 0.19
HSL	41°, 61%, 51%
HSV	41°, 74%, 81%
XYZ	38.3463, 37.8419, 8.7732
YIQ	160.4960, 61.9920, -22.1680

Conversions

Conversions Part 2

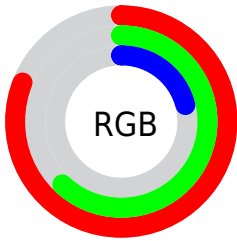
Format	Color
RYB	124, 206, 54
Decimal	13540918
CIELab	67.90, 7.80, 58.28
CIELCh	68, 58.799, 82.374
Yxy	37.8419, 0.4513, 0.4454
Android (android.graphics.Color)	4291730998 (0xFFCE9E36)
YUV	160.4960, -52.5025, 39.9070
Hunter-Lab	61.5157, 3.6168, 34.6053

Details

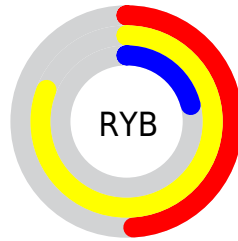
The Android color **4291730998** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4281755342**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4294956139**, and **4287851264** is the 20% darker color. If you saturate the color by 10%, you get **4291729185**, and if you desaturate by 10%, it is **4291732811**.

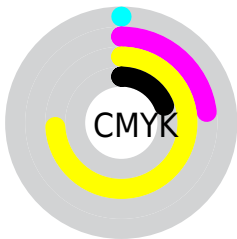
Distribution



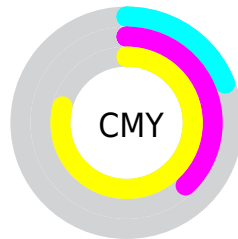
- Red (81%)
- Green (62%)
- Blue (21%)



- Red (49%)
- Yellow (81%)
- Blue (21%)



- Cyan (0%)
- Magenta (23%)
- Yellow (74%)
- Black (19%)



- Cyan (19%)
- Magenta (38%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291730998 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 4291730998 by changing the saturation by 10% instead.



4291730998



4291730998

4294967295



4289758233



4294956139



4287851264



4294963590



4286010112



4294967201



4284169216



4294967229



4282394368



4294967258



4280750848



4294967287



4278190080



4291730998



4291730998



4291729185



4291732811

■ 4291727629

■ 4291734367

■ 4291726592

■ 4291736180

■ 4291737736

■ 4291739549

■ 4291741106

■ 4291742918

■ 4291744475

■ 4291746287

Harmonies

Analogous

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



4294216274



4291730998



4288458556

Triad

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



4291730998



4278239180



4292446183

Complementary

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



4291730998



4281755342

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.



4287667711



4291730998



4278238201

Square

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



4291730998



4278239126



4278235135



4294932405

Rectangle

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



4291730998



4285773395



4278235135



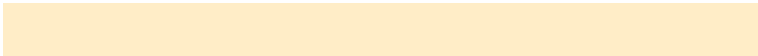
4291137268

Sweetspot

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



4291730998



4294962631



4291704422



4286608734



4278190080



4286611584

Same Dimension

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



4291730998



4294948636



4289908278



4284900188



4289097984



4280687104

Inverse Universe

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



4281755342



4280050943



4283578062



4284243814



4278203558



4278193190

Previews

White Background



This preview shows how the Android color 4291730998 looks on a white background.

Color Contrast Check

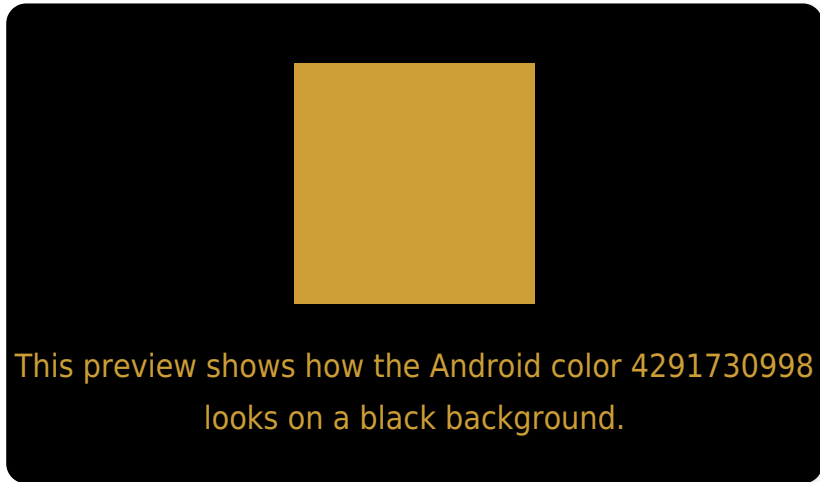
Large Text (above 18pt) WCAG AA × Fail

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 4291730998 Background



This preview shows how black text looks on a background with the Android color 4291730998.



This preview shows how white text looks on a background with the Android color 4291730998.

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
4291730998

Protanopia
4290356792

Deuteranopia
4291796278



Tritanopia
4292187295

Trichromacy



Original Color
4291730998

Protanomaly
4290880311

Deuteranomaly
4291796278

Tritanomaly
4291991673

Monochromacy



Original Color
4291730998

Achromatopsia
4288716960

Achromatomaly
4289830777

CSS Examples

Text

The CSS property to change the color of the text to Android 4291730998 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(206, 158, 54)` looks like.

```
.text, #text, p{  
    color:rgb(206, 158, 54)  
}
```

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(206, 158, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 158, 54) }
```

Border

The CSS property to change the border of an element to Android 4291730998 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(206, 158, 54) }
```

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

```
.border{ border-color:rgb(206, 158, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 158, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 158, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 158, 54);  
box-shadow:4px 4px 4px 4px rgb(206, 158,  
54) }
```

Background

The CSS property to change the background color of an element to Android 4291730998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 158, 54) }
```

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

```
.background{ background-color: rgb(206,  
158, 54) }
```

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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