

Converting Colors

Android(4291199778)

Have a look what the booklet for
Android(4291199778) contains.

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Color

Android(4291199778)

Conversions

Conversions Part 1

Format	Color
Hex	C68322
RGB	198, 131, 34
RGB Percent	78%, 51%, 13%
CMY	0.2235, 0.4863, 0.8667
CMYK	0.00, 0.34, 0.83, 0.22
HSL	35°, 71%, 45%
HSV	35°, 83%, 78%
XYZ	31.6937, 28.3539, 5.3158
YIQ	139.9750, 71.0690, -15.9630

Conversions

Conversions Part 2

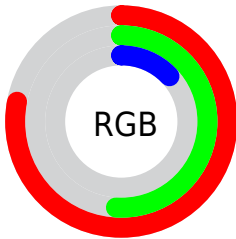
Format	Color
RYB	147, 198, 34
Decimal	13009698
CIELab	60.21, 18.24, 58.29
CIElCh	60, 61.083, 72.622
Yxy	28.3539, 0.4849, 0.4338
Android (android.graphics.Color)	4291199778 (0xFFC68322)
YUV	139.9750, -52.2457, 50.8879
Hunter-Lab	53.2483, 13.0597, 31.3549

Details

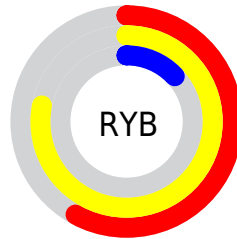
The Android color `4291199778` is a dark color, and the websafe version is hex `CC9933`. The color can be described as dark muted orange. A complement of this color would be `4280444358`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4294948952`, and `4287320576` is the 20% darker color. If you saturate the color by 10%, you get `4291197710`, and if you desaturate by 10%, it is `4291201846`.

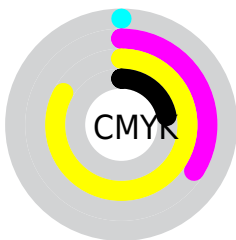
Distribution



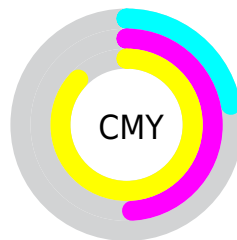
- Red (78%)
- Green (51%)
- Blue (13%)



- Red (58%)
- Yellow (78%)
- Blue (13%)



- Cyan (0%)
- Magenta (34%)
- Yellow (83%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291199778 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 4291199778 by changing the saturation by 10% instead.



4291199778



4291199778

4294967295



4289227264



4294948952



4287320576



4294956146



4285413888



4294963341



4283573248



4294967208



4281798656



4294967237



4280287233



4294967265



4278190080

4294967294



4291199778



4291199778

■ 4291197710

■ 4291201846

■ 4291196160

■ 4291203914

■ 4291205981

■ 4291208049

■ 4291210117

■ 4291212441

■ 4291214509

■ 4291216576

■ 4291218644

Harmonies

Analogous

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



4293356874



4291199778



4288124439

Triad

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



4291199778



4278234023



4289821153

Complementary

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



4291199778



4280444358

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.



4283339003



4291199778



4278233305

Square

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



4291199778



4278233455



4278231288



4293026739

Rectangle

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



4291199778



4285636397



4278231288



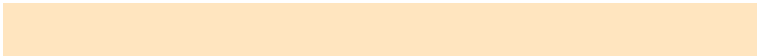
4288184812

Sweetspot

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



4291199778



4294960575



4291175014



4286607449



4278190080



4286611584

Same Dimension

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



4291199778



4294940675



4290299426



4284702554



4288897280



4280554752

Inverse Universe

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



4280444358



4278414079



4281344710



4284112483



4278207395



4278193956

Previews

White Background



This preview shows how the Android color 4291199778 looks on a white background.

Color Contrast Check

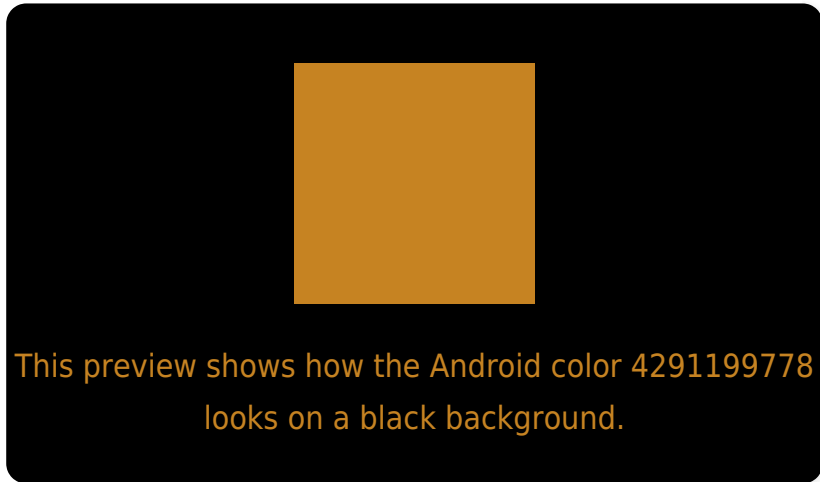
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4291199778 Background



This preview shows how black text looks on a background with the Android color 4291199778.



This preview shows how white text looks on a background with the Android color 4291199778.

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
4291199778

Protanopia
4288909862

Deuteranopia
4290218526

Trichromacy



Original Color
4291199778

Protanomaly
4289760549

Deuteranomaly
4290545439

Tritanomaly
4291394912

Monochromacy



Original Color
4291199778

Achromatopsia
4287401100

Achromatomaly
4288776549

CSS Examples

Text

The CSS property to change the color of the text to Android 4291199778 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(198, 131, 34)` looks like.

```
.text, #text, p{  
    color:rgb(198, 131, 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(198, 131, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 131, 34) }
```

Border

The CSS property to change the border of an element to Android 4291199778 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(198, 131, 34) }
```

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

```
.border{ border-color:rgb(198, 131, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 131, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 131, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 131, 34);  
box-shadow:4px 4px 4px 4px rgb(198, 131,  
34) }
```

Background

The CSS property to change the background color of an element to Android 4291199778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 131, 34) }
```

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

```
.background{ background-color: rgb(198,  
131, 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](#).

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