

Converting Colors

Android(4291212172)

Have a look what the booklet for
Android(4291212172) contains.

Android(4291212172)	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(4291212172)

Conversions

Conversions Part 1

Format	Color
Hex	C6B38C
RGB	198, 179, 140
RGB Percent	78%, 70%, 55%
CMY	0.2235, 0.2980, 0.4510
CMYK	0.00, 0.10, 0.29, 0.22
HSL	40°, 34%, 66%
HSV	40°, 29%, 78%
XYZ	44.1424, 46.1394, 31.3902
YIQ	180.2350, 23.8430, -8.1010

Conversions

Conversions Part 2

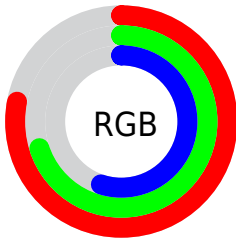
Format	Color
RYB	168, 198, 140
Decimal	13022092
CIELab	73.64, 0.84, 22.42
CIELCh	74, 22.439, 87.842
Yxy	46.1394, 0.3628, 0.3792
Android (android.graphics.Color)	4291212172 (0xFFC6B38C)
YUV	180.2350, -19.8359, 15.5799
Hunter-Lab	67.9260, -2.8704, 20.1489

Details

The Android color `4291212172` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4287406022`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4294962114`, and `4287594074` is the 20% darker color. If you saturate the color by 10%, you get `4291210616`, and if you desaturate by 10%, it is `4291213728`.

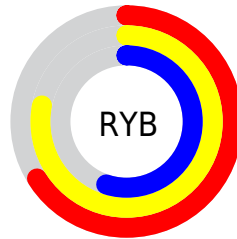
Distribution



Red (78%)

Green (70%)

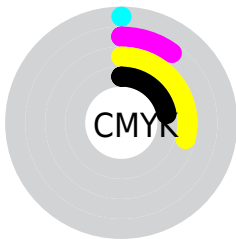
Blue (55%)



Red (66%)

Yellow (78%)

Blue (55%)

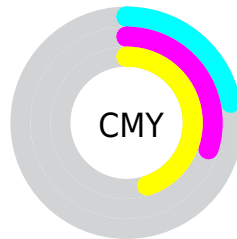


Cyan (0%)

Magenta (10%)

Yellow (29%)

Black (22%)



Cyan (22%)

Magenta (30%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291212172 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 4291212172 by changing the saturation by 10% instead.



4291212172



4291212172

4294967295



4289370226



4294962114



4287594074



4294967262



4285883714



4294967290



4284239403



4282595094



4281147904



4279503872



4278190080



4291212172



4291212172

■ 4291210616

■ 4291213728

■ 4291208804

■ 4291215540

■ 4291207249

■ 4291217095

■ 4291205437

■ 4291218907

■ 4291203881

■ 4291220463

■ 4291202069

■ 4291222271

■ 4291200513

■ 4291223807

■ 4291200256

■ 4291225599

■ 4291227135

Harmonies

Analogous

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



4292324499



4291212172



4289771920

Triad

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



4291212172



4286300359



4291734219

Complementary

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



4291212172



4287406022

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.



4290228441



4291212172



4286889431

Square

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



4291212172



4286890419



4288395230



4292650679

Rectangle

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



4291212172



4288724377



4288395230



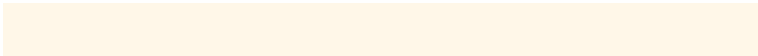
4291275985

Sweetspot

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



4291212172



4294965224



4291202207



4286610289



4278190080



4286611584

Same Dimension

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



4291212172



4294959782



4290561676



4284702810



4288900608



4280555520

Inverse Universe

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



4287406022



4289119231



4288056518



4284112227



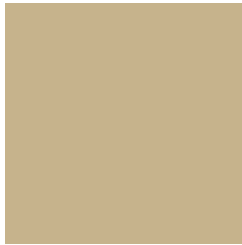
4278203811



4278193188

Previews

White Background



This preview shows how the Android color 4291212172 looks on a white background.

Color Contrast Check

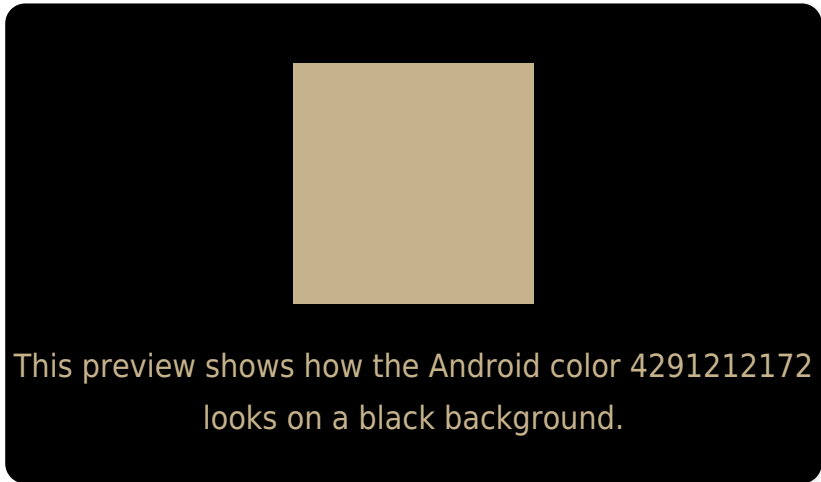
Large Text (above 18pt) WCAG AA × Fail

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 4291212172 Background



This preview shows how black text looks on a background with the Android color 4291212172.



This preview shows how white text looks on a background with the Android color 4291212172.

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
4291212172

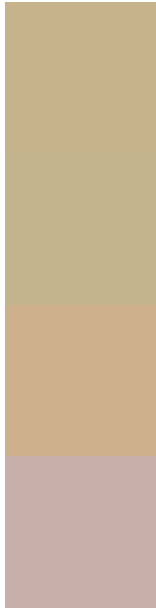
Protanopia
4290885005

Deuteranopia
4292128397



Tritanopia
4291538362

Trichromacy



Original Color
4291212172

Protanomaly
4291015821

Deuteranomaly
4291801229

Tritanomaly
4291407785

Monochromacy



Original Color
4291212172

Achromatopsia
4290032820

Achromatomaly
4290491557

CSS Examples

Text

The CSS property to change the color of the text to Android 4291212172 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, 179, 140)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 140)  
}
```

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, 179, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 140) }
```

Border

The CSS property to change the border of an element to Android 4291212172 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, 179, 140) }
```

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

```
.border{ border-color:rgb(198, 179, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 140);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4291212172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 140) }
```

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

```
.background{ background-color: rgb(198,  
179, 140) }
```

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