

Converting Colors

Android(4291666798)

Have a look what the booklet for
Android(4291666798) contains.

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Color

Android(4291666798)

Conversions

Conversions Part 1

Format	Color
Hex	CDA36E
RGB	205, 163, 110
RGB Percent	80%, 64%, 43%
CMY	0.1961, 0.3608, 0.5686
CMYK	0.00, 0.20, 0.46, 0.20
HSL	33°, 49%, 62%
HSV	33°, 46%, 80%
XYZ	41.0885, 40.2993, 20.3648
YIQ	169.5160, 42.0450, -7.5790

Conversions

Conversions Part 2

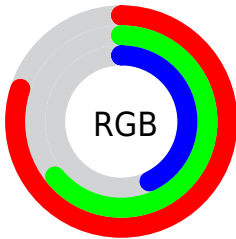
Format	Color
RYB	185, 205, 110
Decimal	13476718
CIELab	69.68, 8.74, 33.35
CIELCh	70, 34.478, 75.310
Yxy	40.2993, 0.4038, 0.3961
Android (android.graphics.Color)	4291666798 (0xFFCDA36E)
YUV	169.5160, -29.3414, 31.1195
Hunter-Lab	63.4817, 4.4409, 25.4171

Details

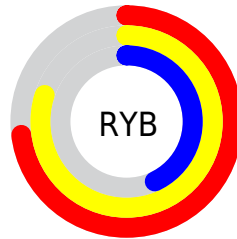
The Android color **4291666798** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4285438157**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4294957730**, and **4287983421** is the 20% darker color. If you saturate the color by 10%, you get **4291664474**, and if you desaturate by 10%, it is **4291669123**.

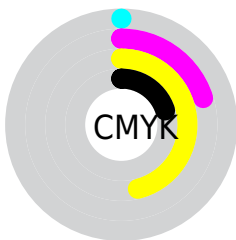
Distribution



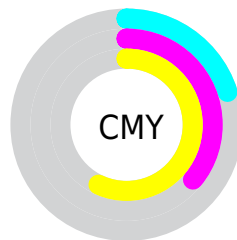
- Red (80%)
- Green (64%)
- Blue (43%)



- Red (73%)
- Yellow (80%)
- Blue (43%)



- Cyan (0%)
- Magenta (20%)
- Yellow (46%)
- Black (20%)




- Cyan (20%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291666798 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 4291666798 by changing the saturation by 10% instead.

 4291666798

 4291666798

4294967295

 4289825109

 4294957730

 4287983421

 4294964926

 4286142246

 4294967258

 4284432399

 4294967286

 4282788352

 4281079296

 4279369728

 4278190080

 4291666798

 4291666798

 4291664474

 4291669123

 4291662149

 4291671447

 4291659825


 4291673772

 4291657500

 4291676096

 4291655176

 4291678421

 4291654144

 4291680745

 4291683070

 4291685631

 4291687935

Harmonies

Analogous

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



4292974975



4291666798



4289703277

Triad

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



4291666798



4282563514



4290944214

Complementary

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



4291666798



4285438157

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.



4288194790



4291666798



4282235094

Square

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



4291666798



4284922521



4284920550



4292777147

Rectangle

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



4291666798



4288197494



4284920550



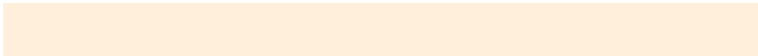
4290093277

Sweetspot

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



4291666798



4294963163



4291653273



4286609002



4278190080



4286611584

Same Dimension

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



4291666798



4294951024



4291349870



4284899676



4289092608



4280685824

Inverse Universe

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



4285438157



4285575167



4285755085



4284244070



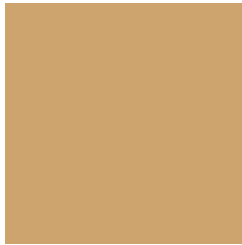
4278208934



4278194470

Previews

White Background



This preview shows how the Android color 4291666798 looks on a white background.

Color Contrast Check

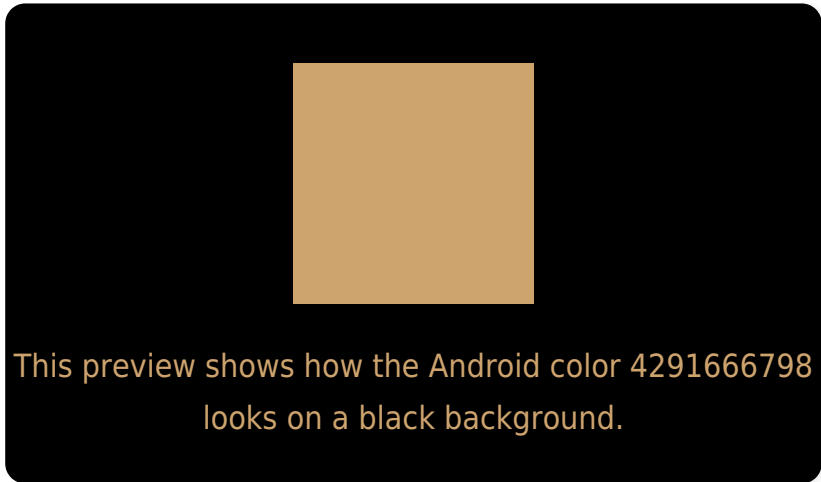
Large Text (above 18pt) WCAG AA × Fail

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

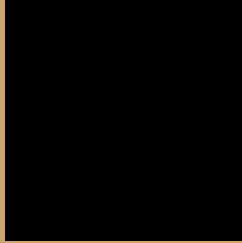
Any Text WCAG AA ✓ Pass

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 4291666798 Background



This preview shows how black text looks on a background with the Android color 4291666798.




This preview shows how white text looks on a background with the Android color 4291666798.

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](#).

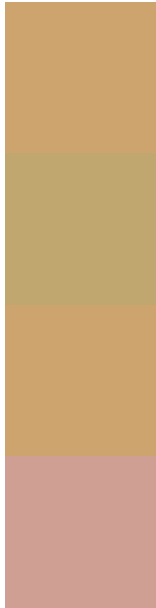
Dichromacy





Tritanopia
4291992744

Trichromacy



Original Color
4291666798

Protanomaly
4290815856

Deuteranomaly
4291666798

Tritanomaly
4291862419

Monochromacy



Original Color
4291666798

Achromatopsia
4289374890

Achromatomaly
4290226068

CSS Examples

Text

The CSS property to change the color of the text to Android 4291666798 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(205, 163, 110)` looks like.

```
.text, #text, p{  
    color:rgb(205, 163, 110)  
}
```

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(205, 163, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 163, 110) }
```

Border

The CSS property to change the border of an element to Android 4291666798 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(205, 163, 110) }
```

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

```
.border{ border-color:rgb(205, 163, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 163, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 163, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 163, 110);  
box-shadow:4px 4px 4px 4px rgb(205, 163,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4291666798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 163, 110) }
```

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

```
.background{ background-color: rgb(205,  
163, 110) }
```

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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