

Converting Colors

Android(4291803991)

Have a look what the booklet for
Android(4291803991) contains.

Android(4291803991)	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(4291803991)

Conversions

Conversions Part 1

Format	Color
Hex	CFBB57
RGB	207, 187, 87
RGB Percent	81%, 73%, 34%
CMY	0.1882, 0.2667, 0.6588
CMYK	0.00, 0.10, 0.58, 0.19
HSL	50°, 56%, 58%
HSV	50°, 58%, 81%
XYZ	45.2228, 49.4942, 16.1867
YIQ	181.5800, 44.0200, -26.8600

Conversions

Conversions Part 2

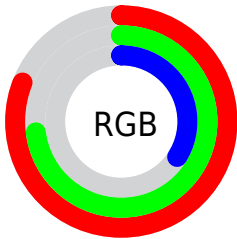
Format	Color
RYB	111, 207, 87
Decimal	13613911
CIELab	75.76, -5.17, 52.25
CIELCh	76, 52.509, 95.648
Yxy	49.4942, 0.4078, 0.4463
Android (android.graphics.Color)	4291803991 (0xFFCFBB57)
YUV	181.5800, -46.6279, 22.2933
Hunter-Lab	70.3521, -8.3753, 35.6050

Details

The Android color `4291803991` is a light color, and the websafe version is hex `CCCC66`. The color can be described as light muted orange. A complement of this color would be `4283919311`, and the grayscale version is `4290164406`.

A 20% lighter version of the original color is `4294964108`, and `4288054818` is the 20% darker color. If you saturate the color by 10%, you get `4291803202`, and if you desaturate by 10%, it is `4291804780`.

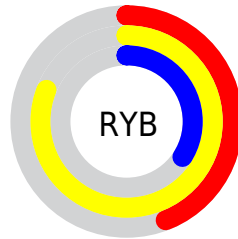
Distribution



Red (81%)

Green (73%)

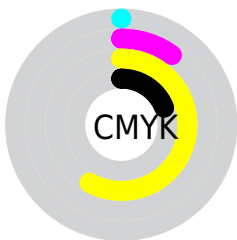
Blue (34%)



Red (44%)

Yellow (81%)

Blue (34%)

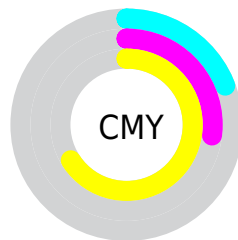


Cyan (0%)

Magenta (10%)

Yellow (58%)

Black (19%)



Cyan (19%)

Magenta (27%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291803991 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 4291803991 by changing the saturation by 10% instead.



4291803991



4291803991

4294967295



4289896509



4294964108



4288054818



4294967207



4286213376



4294967235



4284437760



4294967264



4282727936

4294967293



4281083904



4279309568



4278190080



4291803991



4291803991

4291803202

4291804780

4291802158

4291805824

4291801369

4291806613

4291800324

4291807658

4291800064

4291808447

4291809491

4291810280

4291811325

4291812095

Harmonies

Analogous

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



4294486626



4291803991



4288465001

Triad

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



4291803991



4278244082



4294875620

Complementary

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



4291803991



4283919311

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.



4291537663



4291803991



4278242047

Square

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



4291803991



4278244547



4286168575



4294939315

Rectangle

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



4291803991



4285779586



4286168575



4293959410

Sweetspot

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



4291803991



4294965460



4291778411



4286610278



4278190080



4286611584

Same Dimension

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



4291803991



4294959437



4289187671



4285097822



4289235968



4280885760

Inverse Universe

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



4283919311



4283263743



4286535631



4284375145



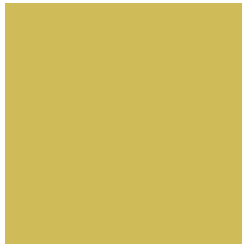
4278197416



4278191913

Previews

White Background



This preview shows how the Android color 4291803991 looks on a white background.

Color Contrast Check

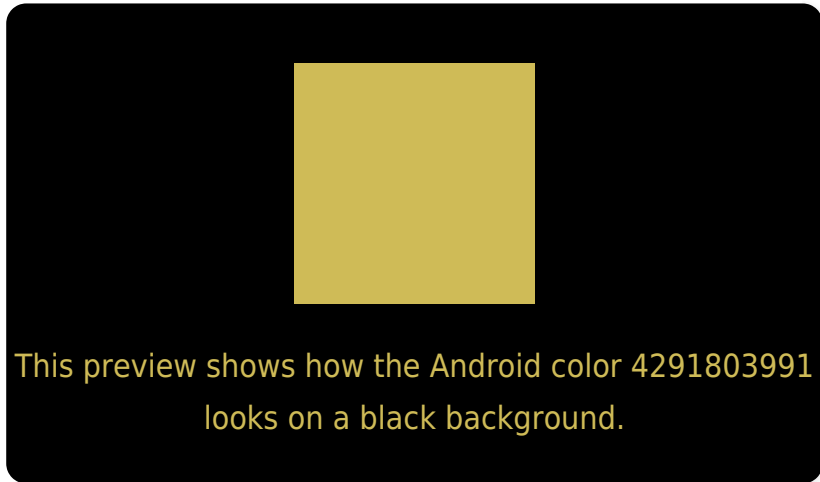
Large Text (above 18pt) WCAG AA × Fail

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 4291803991 Background



This preview shows how black text looks on a background with the Android color 4291803991.



This preview shows how white text looks on a background with the Android color 4291803991.

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
4291803991

Protanopia
4291803991

Deuteranopia
4293309017



Tritanopia
4292391102

Trichromacy



Original Color
4291803991

Protanomaly
4291803991

Deuteranomaly
4292785496

Tritanomaly
4292195481

Monochromacy



Original Color
4291803991

Achromatopsia
4290164406

Achromatomaly
4290754707

CSS Examples

Text

The CSS property to change the color of the text to Android 4291803991 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(207, 187, 87)` looks like.

```
.text, #text, p{  
    color:rgb(207, 187, 87)  
}
```

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(207, 187, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 187, 87) }
```

Border

The CSS property to change the border of an element to Android 4291803991 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(207, 187, 87) }
```

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

```
.border{ border-color:rgb(207, 187, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 187, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 187, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 187, 87);  
box-shadow:4px 4px 4px 4px rgb(207, 187,  
87) }
```

Background

The CSS property to change the background color of an element to Android 4291803991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 187, 87) }
```

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

```
.background{ background-color: rgb(207,  
187, 87) }
```

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