

Converting Colors

Android(4291533203)

Have a look what the booklet for
Android(4291533203) contains.

| | |
|--|----|
| Android(4291533203) | 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(4291533203)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CB9993 |
| RGB | 203, 153, 147 |
| RGB Percent | 80%, 60%, 58% |
| CMY | 0.2039, 0.4000, 0.4235 |
| CMYK | 0.00, 0.25, 0.28, 0.20 |
| HSL | 6°, 35%, 69% |
| HSV | 6°, 28%, 80% |
| XYZ | 41.2863, 37.5856, 32.6825 |
| YIQ | 167.2660, 31.7260, 8.7340 |

Conversions

Conversions Part 2

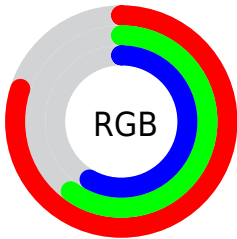
| Format | Color |
|-------------------------------------|---|
| RYB | 203, 154, 147 |
| Decimal | 13343123 |
| CIELab | 67.71, 17.83, 10.42 |
| CIElCh | 68, 20.655, 30.309 |
| Yxy | 37.5856, 0.3701, 0.3369 |
| Android (android.graphics.Color) | 4291533203 (0xFFCB9993) |
| YUV | 167.2660, -9.9911, 31.3387 |
| Hunter-Lab | 61.3071, 12.9207, 11.3078 |

Details

The Android color `4291533203` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `4287874507`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4294955209`, and `4287915616` is the 20% darker color. If you saturate the color by 10%, you get `4291528575`, and if you desaturate by 10%, it is `4291537831`.

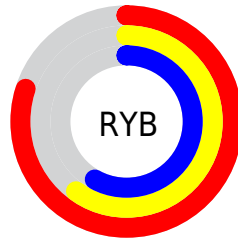
Distribution



Red (80%)

Green (60%)

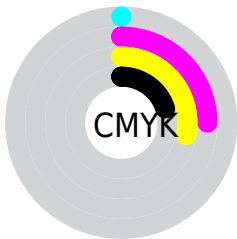
Blue (58%)



Red (80%)

Yellow (60%)

Blue (58%)

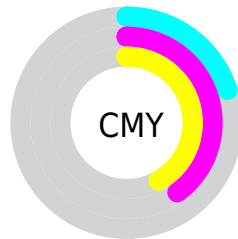


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291533203 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 4291533203 by changing the saturation by 10% instead.

 4291533203

 4291533203

4294967295

 4289691513

 4294955209

 4287915616

 4294962405

 4286139721


 4284429874

 4282785821


 4281273092


 4279435264

 4278190080

 4291533203

 4291533203

 4291528575


 4291537831

 4291523946

 4291542460

 4291519318

 4291547088

 4291514690


 4291551972

 4291509806

 4291556601

 4291505177

 4291559423

 4291500549

 4291499520

Harmonies

Analogous

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



4291401893



4291533203



4291010181

Triad

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



4291533203



4287213202



4287604682

Complementary

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



4291533203



4287874507

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.



4286229701



4291533203



4286099620

Square

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



4291533203



4288653957



4285640631



4289241285

Rectangle

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



4291533203



4290355841



4285640631



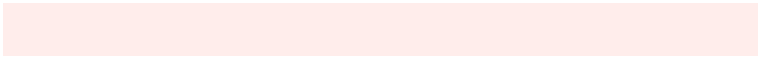
4287080649

Sweetspot

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



4291533203



4294962667



4291531717



4286608499



4278190080



4286611584

Same Dimension

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



4291533203



4294948011



4291540371



4284898652



4289073664



4280681472

Inverse Universe

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



4287874507



4289459967



4287867339



4284245350



4278228134



4278198822

Previews

White Background



This preview shows how the Android color 4291533203 looks on a white background.

Color Contrast Check

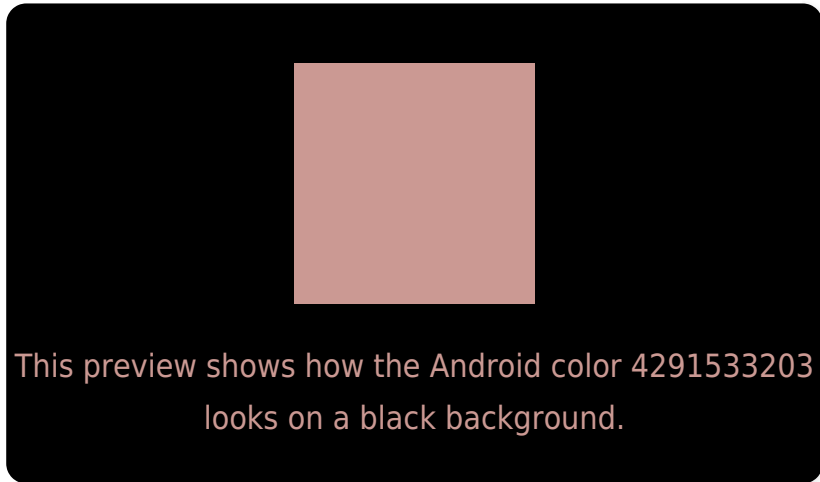
Large Text (above 18pt) WCAG AA × Fail

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 4291533203 Background



This preview shows how black text looks on a background with the Android color 4291533203.



This preview shows how white text looks on a background with the Android color 4291533203.

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
4291533203

Protanopia
4289439129

Deuteranopia
4290551698



Tritanopia
4291663778

Trichromacy



Original Color
4291533203

Protanomaly
4290224535

Deuteranomaly
4290878866

Tritanomaly
4291598493

Monochromacy



Original Color
4291533203

Achromatopsia
4289177511

Achromatomaly
4290028192

CSS Examples

Text

The CSS property to change the color of the text to Android 4291533203 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(203, 153, 147)` looks like.

```
.text, #text, p{  
    color:rgb(203, 153, 147)  
}
```

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(203, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 153, 147) }
```

Border

The CSS property to change the border of an element to Android 4291533203 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(203, 153, 147) }
```

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

```
.border{ border-color:rgb(203, 153, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 153, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 153, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 153, 147);  
box-shadow:4px 4px 4px 4px rgb(203, 153,  
147) }
```

Background

The CSS property to change the background color of an element to Android 4291533203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 153, 147) }
```

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

```
.background{ background-color: rgb(203,  
153, 147) }
```

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