

Converting Colors

Android(4291533102)

Have a look what the booklet for
Android(4291533102) contains.

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Color

Android(4291533102)

Conversions

Conversions Part 1

Format	Color
Hex	CB992E
RGB	203, 153, 46
RGB Percent	80%, 60%, 18%
CMY	0.2039, 0.4000, 0.8196
CMYK	0.00, 0.25, 0.77, 0.20
HSL	41°, 63%, 49%
HSV	41°, 77%, 80%
XYZ	36.5130, 35.6762, 7.5465
YIQ	155.7520, 64.1470, -22.6770

Conversions

Conversions Part 2

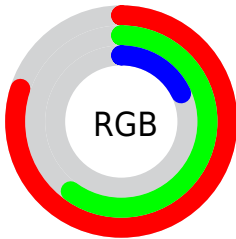
Format	Color
RYB	119, 203, 46
Decimal	13343022
CIELab	66.27, 8.85, 59.69
CIELCh	66, 60.348, 81.563
Yxy	35.6762, 0.4579, 0.4474
Android (android.graphics.Color)	4291533102 (0xFFFCB992E)
YUV	155.7520, -54.1077, 41.4365
Hunter-Lab	59.7296, 4.5911, 34.3197

Details

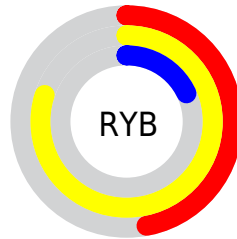
The Android color **4291533102** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **4281229515**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4294954852**, and **4287653376** is the 20% darker color. If you saturate the color by 10%, you get **4291531546**, and if you desaturate by 10%, it is **4291534658**.

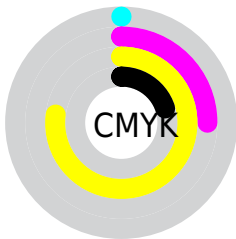
Distribution



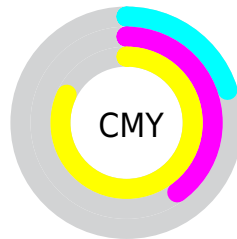
- Red (80%)
- Green (60%)
- Blue (18%)



- Red (47%)
- Yellow (80%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (77%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291533102 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 4291533102 by changing the saturation by 10% instead.



4291533102



4291533102

4294967295



4289560333



4294954852



4287653376



4294962047



4285812224



4294967194



4283971584



4294967222



4282196736



4294967250



4280552960



4294967279



4278190080



4291533102



4291533102



4291531546



4291534658

■ 4291529733

■ 4291536471

■ 4291529216

■ 4291538027

■ 4291539839

■ 4291541395

■ 4291543208

■ 4291544764

■ 4291546576

■ 4291548133

Harmonies

Analogous

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



4294018125



4291533102



4288195123

Triad

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



4291533102



4278238151



4292117221

Complementary

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



4291533102



4281229515

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.



4287076863



4291533102



4278237173

Square

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



4291533102



4278237839



4278234367



4294734259

Rectangle

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



4291533102



4285444683



4278234367



4290743027

Sweetspot

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



4291533102



4294962372



4291505762



4286608476



4278190080



4286611584

Same Dimension

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



4291533102



4294947602



4289841966



4284900188



4289097984



4280687104

Inverse Universe

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



4281229515



4279393791



4282920651



4284243814



4278203814



4278193190

Previews

White Background



This preview shows how the Android color 4291533102 looks on a white background.

Color Contrast Check

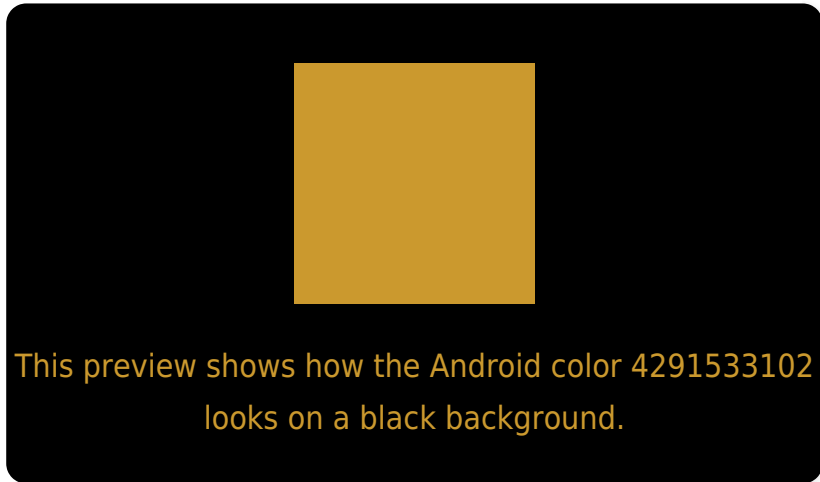
Large Text (above 18pt) WCAG AA × Fail

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 4291533102 Background



This preview shows how black text looks on a background with the Android color 4291533102.



This preview shows how white text looks on a background with the Android color 4291533102.

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
4291533102

Protanopia
4290093616

Deuteranopia
4291533102



Tritanopia
4291989402

Trichromacy



Original Color
4291533102

Protanomaly
4290617135

Deuteranomaly
4291533102

Tritanomaly
4291793779

Monochromacy



Original Color
4291533102

Achromatopsia
4288453788

Achromatomaly
4289567604

CSS Examples

Text

The CSS property to change the color of the text to Android 4291533102 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(203, 153, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 153, 46) }
```

Border

The CSS property to change the border of an element to Android 4291533102 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, 46) }
```

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

```
.border{ border-color:rgb(203, 153, 46) }
```

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, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 153, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 153, 46);  
box-shadow:4px 4px 4px 4px rgb(203, 153,  
46) }
```

Background

The CSS property to change the background color of an element to Android 4291533102 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, 46) }
```

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

```
.background{ background-color: rgb(203,  
153, 46) }
```

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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