

Converting Colors

Android(4291863311)

Have a look what the booklet for
Android(4291863311) contains.

Android(4291863311)	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(4291863311)

Conversions

Conversions Part 1

Format	Color
Hex	D0A30F
RGB	208, 163, 15
RGB Percent	82%, 64%, 6%
CMY	0.1843, 0.3608, 0.9412
CMYK	0.00, 0.22, 0.93, 0.18
HSL	46°, 87%, 44%
HSV	46°, 93%, 82%
XYZ	39.1958, 39.6388, 6.0371
YIQ	159.5830, 74.3280, -36.4880

Conversions

Conversions Part 2

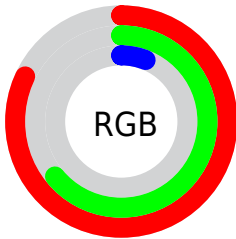
Format	Color
RYB	74, 208, 15
Decimal	13673231
CIELab	69.21, 4.88, 70.65
CIELCh	69, 70.820, 86.052
Yxy	39.6388, 0.4618, 0.4670
Android (android.graphics.Color)	4291863311 (0xFFD0A30F)
YUV	159.5830, -71.2794, 42.4617
Hunter-Lab	62.9593, 0.9478, 38.3862

Details

The Android color **4291863311** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **4279188688**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4294957650**, and **4287918080** is the 20% darker color. If you saturate the color by 10%, you get **4291862528**, and if you desaturate by 10%, it is **4291864612**.

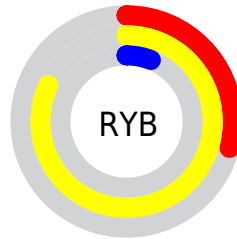
Distribution



Red (82%)

Green (64%)

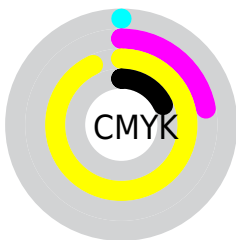
Blue (6%)



Red (29%)

Yellow (82%)

Blue (6%)

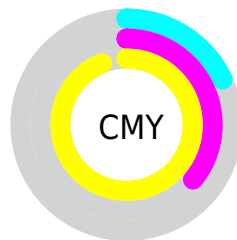


Cyan (0%)

Magenta (22%)

Yellow (93%)

Black (18%)



Cyan (18%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291863311 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 4291863311 by changing the saturation by 10% instead.



4291863311



4291863311

4294967295



4289890560



4294957650



4287918080



4294964846



4286076928



4294967178



4284170496



4294967206



4282395392



4294967234



4280751872



4294967263



4278452224



4294967293



4278190080



4291863311



4291863311

■ 4291862528

■ 4291864612

■ 4291865913

■ 4291867213

■ 4291868258

■ 4291869559

■ 4291870860

■ 4291872161

■ 4291873461

■ 4291874762

Harmonies

Analogous

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



4294936893



4291863311



4287804965

Triad

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



4291863311



4278241248



4293820402

Complementary

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



4291863311



4279188688

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.



4288191743



4291863311



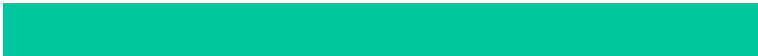
4278239743

Square

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



4291863311



4278240926



4278236159



4294929076

Rectangle

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



4291863311



4284268105



4278236159



4292315391

Sweetspot

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



4291863311



4294962872



4291825468



4286608724



4278190080



4286611584

Same Dimension

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



4291863311



4294951936



4288532495



4285097566



4289233152



4280884992

Inverse Universe

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



4279188688



4278205439



4282519504



4284375401



4278200232



4278192681

Previews

White Background



This preview shows how the Android color 4291863311 looks on a white background.

Color Contrast Check

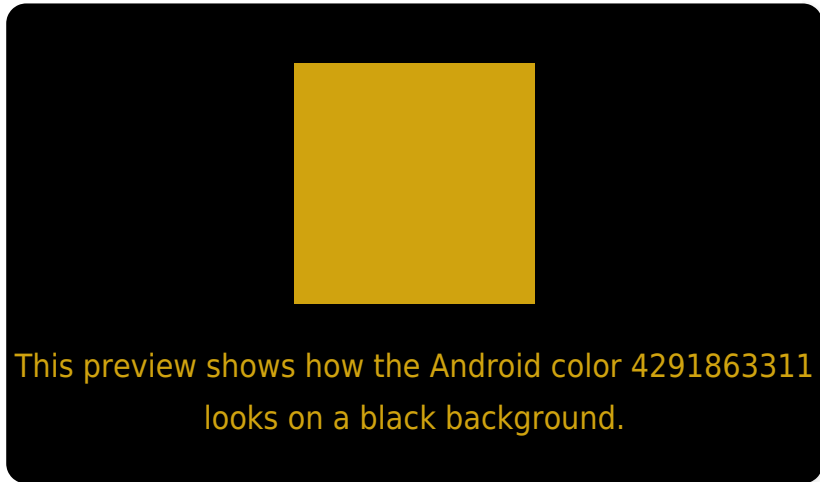
Large Text (above 18pt) WCAG AA × Fail

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 4291863311 Background



This preview shows how black text looks on a background with the Android color 4291863311.



This preview shows how white text looks on a background with the Android color 4291863311.

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
4291863311

Protanopia
4290750994

Deuteranopia
4292255762



Tritanopia
4292384931

Trichromacy



Original Color
4291863311

Protanomaly
4291143441

Deuteranomaly
4292124945

Tritanomaly
4292189293

Monochromacy



Original Color
4291863311

Achromatopsia
4288716960

Achromatomaly
4289831275

CSS Examples

Text

The CSS property to change the color of the text to Android 4291863311 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(208, 163, 15)` looks like.

```
.text, #text, p{  
    color:rgb(208, 163, 15)  
}
```

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(208, 163, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 163, 15) }
```

Border

The CSS property to change the border of an element to Android 4291863311 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(208, 163, 15) }
```

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

```
.border{ border-color:rgb(208, 163, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 163, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 163, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 163, 15);  
box-shadow:4px 4px 4px 4px rgb(208, 163,  
15) }
```

Background

The CSS property to change the background color of an element to Android 4291863311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 163, 15) }
```

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

```
.background{ background-color: rgb(208,  
163, 15) }
```

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