

Converting Colors

Android(4291598605)

Have a look what the booklet for
Android(4291598605) contains.

Android(4291598605)	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(4291598605)

Conversions

Conversions Part 1

Format	Color
Hex	CC990D
RGB	204, 153, 13
RGB Percent	80%, 60%, 5%
CMY	0.2000, 0.4000, 0.9490
CMYK	0.00, 0.25, 0.94, 0.20
HSL	44°, 88%, 43%
HSV	44°, 94%, 80%
XYZ	36.3657, 35.6489, 5.3450
YIQ	152.2890, 75.3360, -32.7280

Conversions

Conversions Part 2

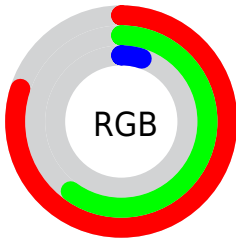
Format	Color
RYB	83, 204, 13
Decimal	13408525
CIELab	66.25, 8.46, 68.58
CIELCh	66, 69.100, 82.972
Yxy	35.6489, 0.4701, 0.4608
Android (android.graphics.Color)	4291598605 (0xFFCC990D)
YUV	152.2890, -68.6695, 45.3505
Hunter-Lab	59.7067, 4.2328, 36.4870

Details

The Android color **4291598605** 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 **4279058636**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4294954831**, and **4287653376** is the 20% darker color. If you saturate the color by 10%, you get **4291597824**, and if you desaturate by 10%, it is **4291599905**.

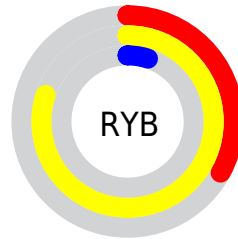
Distribution



Red (80%)

Green (60%)

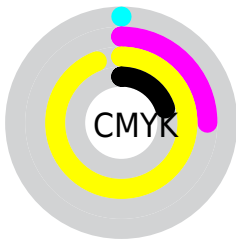
Blue (5%)



Red (33%)

Yellow (80%)

Blue (5%)

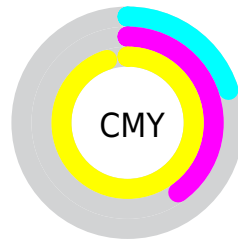


Cyan (0%)

Magenta (25%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291598605 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 4291598605 by changing the saturation by 10% instead.



4291598605



4291598605

4294967295



4289625856



4294954831



4287653376



4294962027



4285812480



4294967174



4283906048



4294967202



4282196736



4294967231



4280553216



4294967260



4278190080



4294967289



4291598605



4291598605

■ 4291597824

■ 4291599905

■ 4291601462

■ 4291602762

■ 4291604319

■ 4291605619

■ 4291607175

■ 4291608476

■ 4291610032

■ 4291611333

Harmonies

Analogous

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



4294475837



4291598605



4287802395

Triad

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



4291598605



4278238928



4292770797

Complementary

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



4291598605



4279058636

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.



4286879743



4291598605



4278237695

Square

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



4291598605



4278238608



4278234623



4294927794

Rectangle

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



4291598605



4284527678



4278234623



4291200253

Sweetspot

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



4291598605



4294962360



4291562819



4286608468



4278190080



4286611584

Same Dimension

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



4291598605



4294949632



4288924685



4284900188



4289100032



4280687616

Inverse Universe

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



4279058636



4278207743



4281732556



4284243814



4278201510



4278192678

Previews

White Background



This preview shows how the Android color 4291598605 looks on a white background.

Color Contrast Check

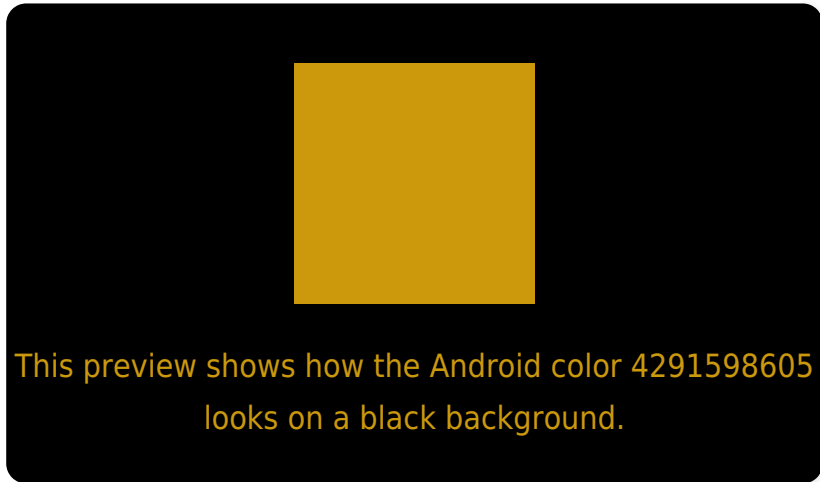
Large Text (above 18pt) WCAG AA × Fail

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 4291598605 Background



This preview shows how black text looks on a background with the Android color 4291598605.



This preview shows how white text looks on a background with the Android color 4291598605.

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
4291598605

Protanopia
4290159121

Deuteranopia
4291598605



Tritanopia
4292054681

Trichromacy



Original Color
4291598605

Protanomaly
4290682640

Deuteranomaly
4291598605

Tritanomaly
4291859046

Monochromacy



Original Color
4291598605

Achromatopsia
4288190616

Achromatomaly
4289435749

CSS Examples

Text

The CSS property to change the color of the text to Android 4291598605 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(204, 153, 13)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 13)  
}
```

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(204, 153, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 13) }
```

Border

The CSS property to change the border of an element to Android 4291598605 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(204, 153, 13) }
```

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

```
.border{ border-color:rgb(204, 153, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 13);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
13) }
```

Background

The CSS property to change the background color of an element to Android 4291598605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 13) }
```

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

```
.background{ background-color: rgb(204,  
153, 13) }
```

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