

Converting Colors

Android(4291006990)

Have a look what the booklet for
Android(4291006990) contains.

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Color

Android(4291006990)

Conversions

Conversions Part 1

Format	Color
Hex	C3920E
RGB	195, 146, 14
RGB Percent	76%, 57%, 5%
CMY	0.2353, 0.4275, 0.9451
CMYK	0.00, 0.25, 0.93, 0.24
HSL	44°, 87%, 41%
HSV	44°, 93%, 76%
XYZ	32.8638, 32.1916, 4.8969
YIQ	145.6030, 71.5760, -30.6640

Conversions

Conversions Part 2

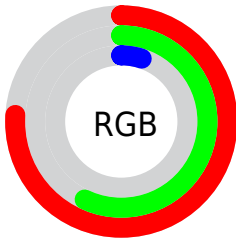
Format	Color
RYB	81, 195, 14
Decimal	12816910
CIELab	63.50, 8.26, 65.95
CIElCh	64, 66.462, 82.860
Yxy	32.1916, 0.4698, 0.4602
Android (android.graphics.Color)	4291006990 (0xFFC3920E)
YUV	145.6030, -64.8803, 43.3212
Hunter-Lab	56.7376, 4.1008, 34.5991

Details

The Android color **4291006990** 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 **4279123907**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4294953038**, and **4287127552** is the 20% darker color. If you saturate the color by 10%, you get **4291005952**, and if you desaturate by 10%, it is **4291008290**.

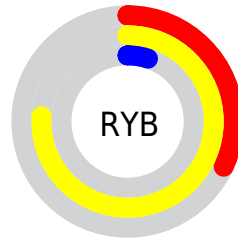
Distribution



Red (76%)

Green (57%)

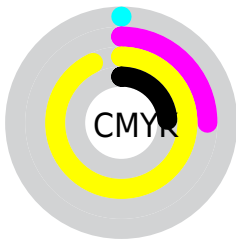
Blue (5%)



Red (32%)

Yellow (76%)

Blue (5%)

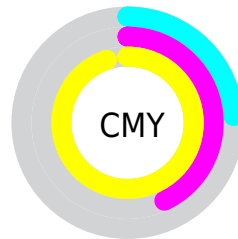


Cyan (0%)

Magenta (25%)

Yellow (93%)

Black (24%)



Cyan (24%)

Magenta (43%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291006990 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 4291006990 by changing the saturation by 10% instead.



4291006990



4291006990

4294967295



4289034240



4294953038



4287127552



4294960233



4285286400



4294967173



4283445760



4294967200



4281670912



4294967229



4280092160



4294967257



4278190080



4294967287



4291006990



4291006990

■ 4291005952

■ 4291008290

■ 4291009845

■ 4291011145

■ 4291012444

■ 4291013743

■ 4291015299

■ 4291016599

■ 4291017898

■ 4291019453

Harmonies

Analogous

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



4293753403



4291006990



4287341594

Triad

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



4291006990



4278236614



4292048354

Complementary

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



4291006990



4279123907

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.



4286484735



4291006990



4278235639

Square

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



4291006990



4278236553



4278232575



4294795691

Rectangle

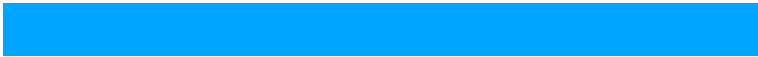
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291006990



4284263484



4278232575



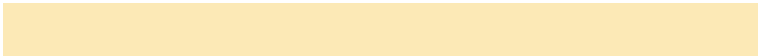
4290608881

Sweetspot

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



4291006990



4294764982



4290973249



4286608468



4278190080



4286611584

Same Dimension

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



4291006990



4294752256



4288463630



4284571223



4288771328



4280358912

Inverse Universe

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



4279123907



4278207740



4281667267



4283914849



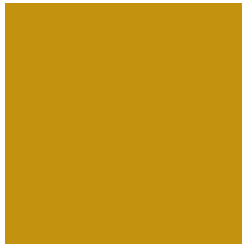
4278201249



4278192417

Previews

White Background



This preview shows how the Android color 4291006990 looks on a white background.

Color Contrast Check

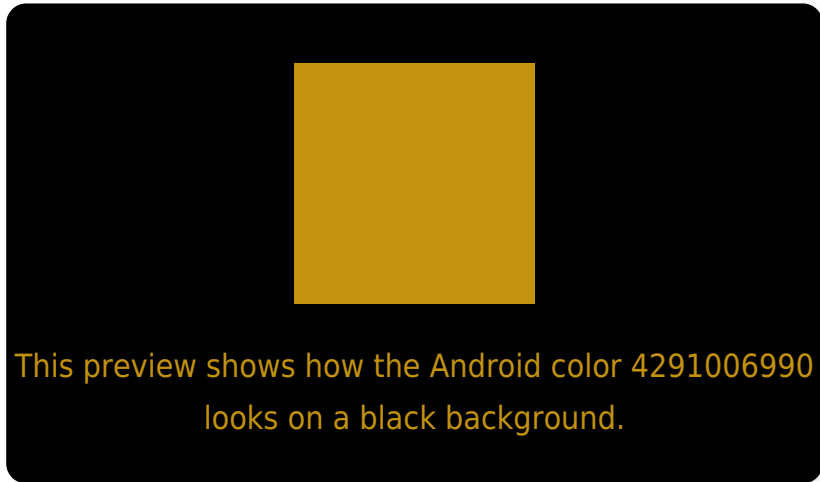
Large Text (above 18pt) WCAG AA × Fail

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 4291006990 Background



This preview shows how black text looks on a background with the Android color 4291006990.



This preview shows how white text looks on a background with the Android color 4291006990.

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
4291006990

Protanopia
4289633041

Deuteranopia
4291006990



Tritanopia
4291463314

Trichromacy



Original Color
4291006990

Protanomaly
4290156560

Deuteranomaly
4291006990

Tritanomaly
4291267682

Monochromacy



Original Color
4291006990

Achromatopsia
4287795858

Achromatomaly
4288975458

CSS Examples

Text

The CSS property to change the color of the text to Android 4291006990 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(195, 146, 14)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 14)  
}
```

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(195, 146, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 14) }
```

Border

The CSS property to change the border of an element to Android 4291006990 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(195, 146, 14) }
```

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

```
.border{ border-color:rgb(195, 146, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 14);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
14) }
```

Background

The CSS property to change the background color of an element to Android 4291006990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 14) }
```

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

```
.background{ background-color: rgb(195,  
146, 14) }
```

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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