

Converting Colors

Android(4291604480)

Have a look what the booklet for
Android(4291604480) contains.

Android(4291604480)	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(4291604480)

Conversions

Conversions Part 1

Format	Color
Hex	CCB000
RGB	204, 176, 0
RGB Percent	80%, 69%, 0%
CMY	0.2000, 0.3098, 1.0000
CMYK	0.00, 0.14, 1.00, 0.20
HSL	52°, 100%, 40%
HSV	52°, 100%, 80%
XYZ	40.4272, 43.8880, 6.3405
YIQ	164.3080, 73.1840, -48.8000

Conversions

Conversions Part 2

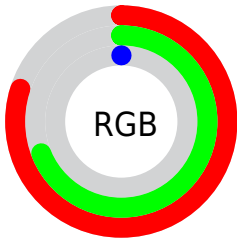
Format	Color
R _Y B	32, 204, 0
Decimal	13414400
CIE Lab	72.15, -3.95, 74.47
CIE LCh	72, 74.573, 93.035
Yxy	43.8880, 0.4459, 0.4841
Android (android.graphics.Color)	4291604480 (0xFFCCB000)
YUV	164.3080, -81.0038, 34.8099
Hunter-Lab	66.2480, -7.0063, 40.6991

Details

The Android color **4291604480** 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 **4278197452**, and the grayscale version is **4289045925**.

A 20% lighter version of the original color is **4294960975**, and **4287724544** is the 20% darker color. If you saturate the color by 10%, you get **4291604480**, and if you desaturate by 10%, it is **4291605268**.

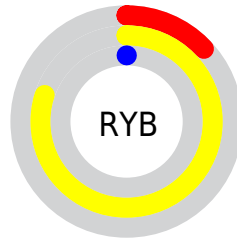
Distribution



Red (80%)

Green (69%)

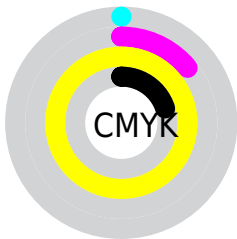
Blue (0%)



Red (13%)

Yellow (80%)

Blue (0%)

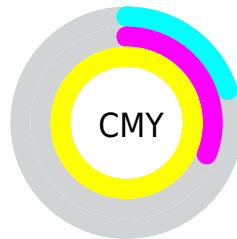


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291604480 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 4291604480 by changing the saturation by 10% instead.

 4291604480

 4291604480

4294967295

 4289631744

 4294960975

 4287724544

 4294967148

 4285883136

 4294967176

 4283976704

 4294967205

 4282201600

 4294967233


 4280557824

 4294967263

 4278323968


 4294967292


 4278190080

 4291604480


 4291605268


 4291606057

 4291606589


 4291607378

 4291608166

 4291608954

 4291609743

 4291610275

 4291611064

Harmonies

Analogous

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



4294940209



4291604480



4287021616

Triad

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



4291604480



4278243578



4294934000

Complementary

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



4291604480



4278197452

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.



4290419967



4291604480



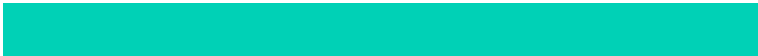
4278241535

Square

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



4291604480



4278243766



4278237183



4294929581

Rectangle

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



4291604480



4282501722



4278237183



4294215679

Sweetspot

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



4291604480



4294964403



4291559455



4286609746



4278190080



4286611584

Same Dimension

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



4291604480



4294958080



4286958592



4284900700



4289105664



4280688896

Inverse Universe

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



4278197452



4278199295



4282843340



4284243302



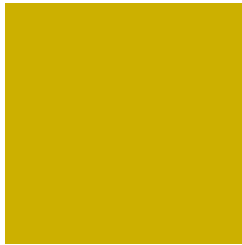
4278196134



4278191398

Previews

White Background



This preview shows how the Android color 4291604480 looks on a white background.

Color Contrast Check

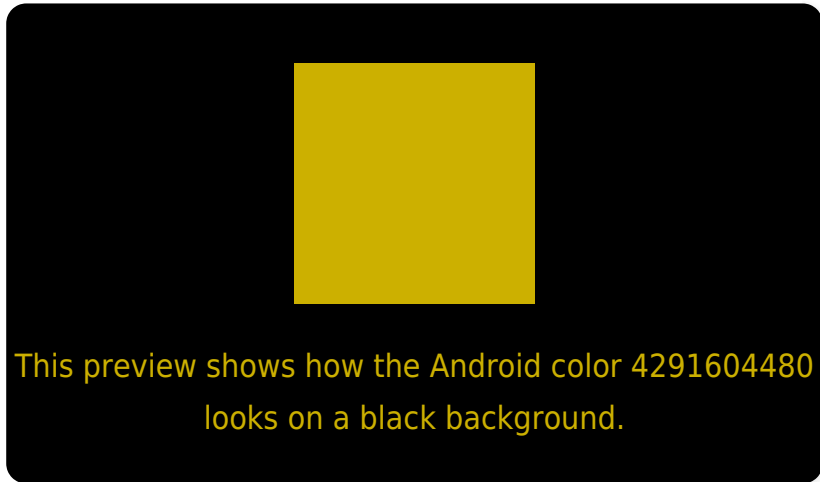
Large Text (above 18pt) WCAG AA × Fail

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 4291604480 Background



This preview shows how black text looks on a background with the Android color 4291604480.



This preview shows how white text looks on a background with the Android color 4291604480.

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
4291604480

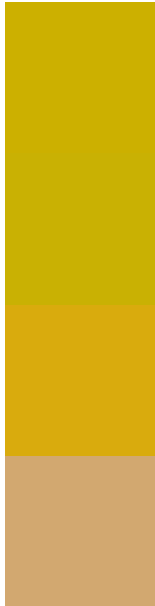
Protanopia
4291342853

Deuteranopia
4292913172



Tritanopia
4292256944

Trichromacy



Original Color
4291604480

Protanomaly
4291408131

Deuteranomaly
4292455181

Tritanomaly
4291995760

Monochromacy



Original Color
4291604480

Achromatopsia
4288980132

Achromatomaly
4289964136

CSS Examples

Text

The CSS property to change the color of the text to Android 4291604480 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, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 176, 0)  
}
```

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, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 176, 0) }
```

Border

The CSS property to change the border of an element to Android 4291604480 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, 176, 0) }
```

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

```
.border{ border-color:rgb(204, 176, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 176, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 176,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4291604480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 176, 0) }
```

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

```
.background{ background-color: rgb(204,  
176, 0) }
```

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