

Converting Colors

Android(4292446976)

Have a look what the booklet for
Android(4292446976) contains.

Android(4292446976)	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(4292446976)

Conversions

Conversions Part 1

Format	Color
Hex	D98B00
RGB	217, 139, 0
RGB Percent	85%, 55%, 0%
CMY	0.1490, 0.4549, 1.0000
CMYK	0.00, 0.36, 1.00, 0.15
HSL	38°, 100%, 43%
HSV	38°, 100%, 85%
XYZ	37.8479, 33.2170, 4.4167
YIQ	146.4760, 91.1070, -26.6930

Conversions

Conversions Part 2

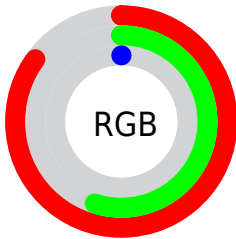
Format	Color
RYB	122, 217, 0
Decimal	14256896
CIELab	64.34, 21.57, 69.79
CIELCh	64, 73.050, 72.823
Yxy	33.2170, 0.5014, 0.4401
Android (android.graphics.Color)	4292446976 (0xFFD98B00)
YUV	146.4760, -72.2127, 61.8495
Hunter-Lab	57.6341, 16.3598, 35.8003

Details

The Android color **4292446976** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **4278210265**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4294951241**, and **4288436480** is the 20% darker color. If you saturate the color by 10%, you get **4292446976**, and if you desaturate by 10%, it is **4292449046**.

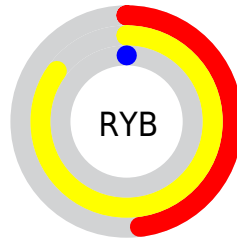
Distribution



Red (85%)

Green (55%)

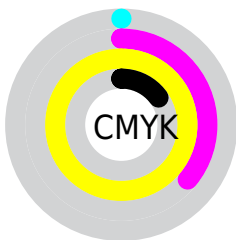
Blue (0%)



Red (48%)

Yellow (85%)

Blue (0%)

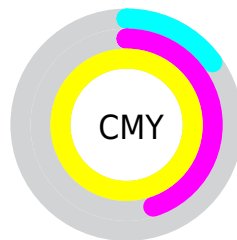


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292446976 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 4292446976 by changing the saturation by 10% instead.

 4292446976

 4292446976

4294967295

 4290408704

 4294951241

 4288436480

 4294958180

 4286464256

 4294965632

 4284558080

 4294967195

 4282717440

 4294967224

 4281073664

 4294967252

 4278190080

 4294967282

 4292446976

 4292449046

 4292451115

 4292452929

 4292454999

 4292457069

 4292459138

 4292461208

 4292463022

 4292465091

Harmonies

Analogous

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



4294929989



4292446976



4288782848

Triad

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



4292446976



4278237879



4290936317

Complementary

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



4292446976



4278210265

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.



4281768703



4292446976



4278237172

Square

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



4292446976



4278237043



4278234879



4294795204

Rectangle

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



4292446976



4285705242



4278234879



4288841983

Sweetspot

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



4292446976



4294960307



4292411472



4286607186



4278190080



4286611584

Same Dimension

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



4292446976



4294943488



4290566400



4285426275



4289556224



4281212160

Inverse Universe

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



4278210265



4278213887



4280090841



4284704622



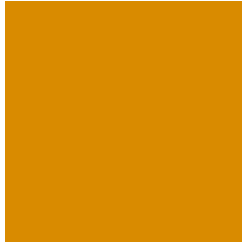
4278206125



4278194222

Previews

White Background



This preview shows how the Android color 4292446976 looks on a white background.

Color Contrast Check

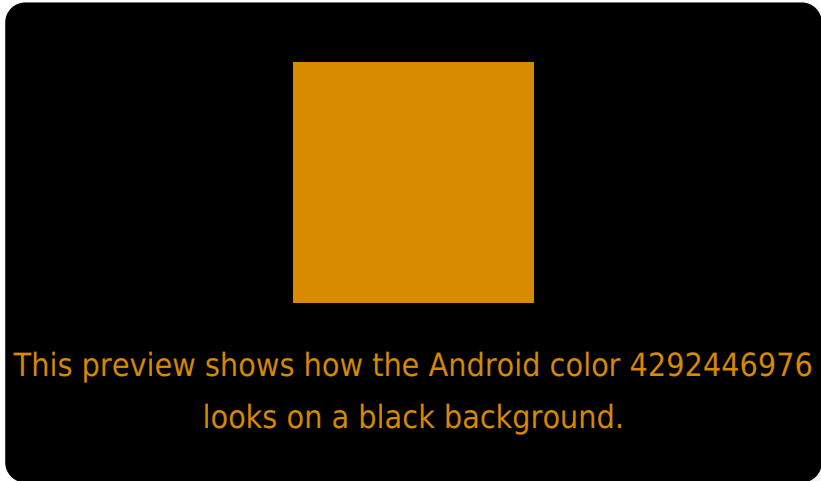
Large Text (above 18pt) WCAG AA × Fail

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 4292446976 Background



This preview shows how black text looks on a background with the Android color 4292446976.



This preview shows how white text looks on a background with the Android color 4292446976.

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
4292446976

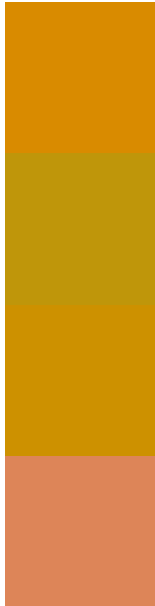
Protanopia
4289764623

Deuteranopia
4291204096



Tritanopia
4292837771

Trichromacy



Original Color
4292446976

Protanomaly
4290745866

Deuteranomaly
4291662080

Tritanomaly
4292707672

Monochromacy



Original Color
4292446976

Achromatopsia
4287795858

Achromatomaly
4289498973

CSS Examples

Text

The CSS property to change the color of the text to Android 4292446976 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(217, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 139, 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(217, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 139, 0) }
```

Border

The CSS property to change the border of an element to Android 4292446976 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(217, 139, 0) }
```

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

```
.border{ border-color:rgb(217, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 139,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4292446976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 139, 0) }
```

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

```
.background{ background-color: rgb(217,  
139, 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