

# Converting Colors

Android(4292253696)

Have a look what the booklet for  
Android(4292253696) contains.

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# **Color**

**Android(4292253696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D69800
RGB	214, 152, 0
RGB Percent	84%, 60%, 0%
CMY	0.1608, 0.4039, 1.0000
CMYK	0.00, 0.29, 1.00, 0.16
HSL	43°, 100%, 42%
HSV	43°, 100%, 84%
XYZ	38.9598, 36.7526, 5.0406
YIQ	153.2100, 85.7440, -34.1280

# Conversions

## Conversions Part 2

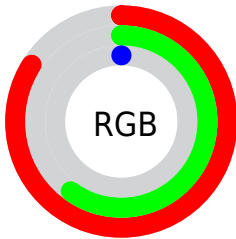
Format	Color
<a href="#">RYB</a>	<a href="#">87, 214, 0</a>
Decimal	<a href="#">14063616</a>
CIELab	<a href="#">67.09, 13.27, 71.45</a>
CIELCh	<a href="#">67, 72.669, 79.481</a>
Yxy	<a href="#">36.7526, 0.4825, 0.4551</a>
Android (android.graphics.Color)	<a href="#">4292253696</a> ( <a href="#">0xFFD69800</a> )
YUV	<a href="#">153.2100, -75.5325, 53.3128</a>
Hunter-Lab	<a href="#">60.6239, 8.6206, 37.5071</a>

# Details

The Android color **4292253696** 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 **4278206166**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4294954571**, and **4288308480** is the 20% darker color. If you saturate the color by 10%, you get **4292253696**, and if you desaturate by 10%, it is **4292255253**.

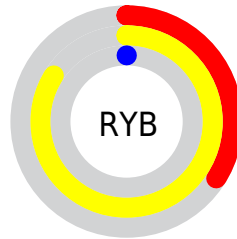
# Distribution



Red (84%)

Green (60%)

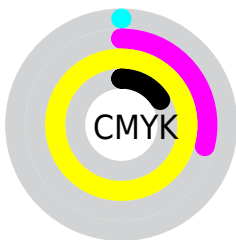
Blue (0%)



Red (34%)

Yellow (84%)

Blue (0%)

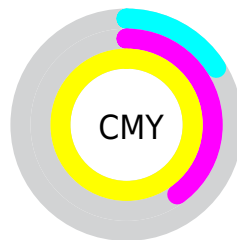


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292253696 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 4292253696 by changing the saturation by 10% instead.



 4292253696

 4292253696

4294967295

 4290280960

 4294954571

 4288308480

 4294961767

 4286336512

 4294967171

 4284430080

 4294967199

 4282655232

 4294967227

 4280945920

 4294967256

 4278321152

 4294967285

 4278190080

 4292253696

 4292255253

 4292256811

 4292258624

 4292260182

 4292261739

 4292263296

 4292264854

 4292266667

 4292268225

# Harmonies

## Analogous

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



4294933568



4292253696



4288326915

# Triad

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



4292253696



4278239949



4292574969

# Complementary

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



4292253696



4278206166

# 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.



4285701375



4292253696



4278238975

# Square

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



4292253696



4278239369



4278235903



4294927549

# Rectangle

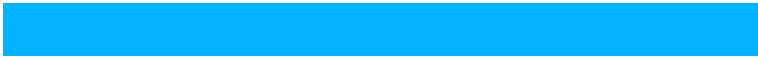
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292253696



4285052467



4278235903



4290808063

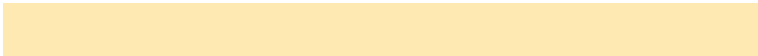


# Sweetspot

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



4292253696



4294961587



4292214848



4286607954



4278190080



4286611584



# Same Dimension

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



4292253696



4294948096



4289451520



4285229152



4289427712



4281016064



# Inverse Universe

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



4278206166



4278209279



4281008342



4284506987



4278202795



4278193451



# Previews

## White Background



This preview shows how the Android color 4292253696 looks on a white background.

## Color Contrast Check

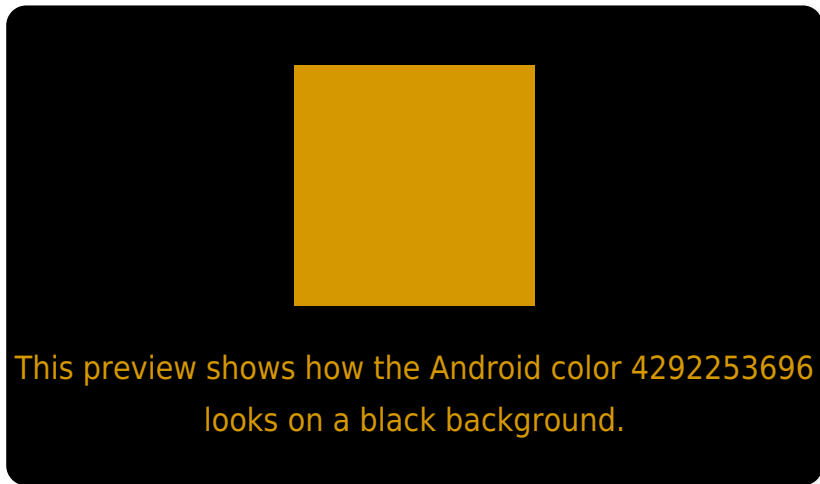
Large Text (above 18pt) WCAG AA × Fail

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 4292253696 Background



This preview shows how black text looks on a background with the Android color 4292253696.



This preview shows how white text looks on a background with the Android color 4292253696.

# 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**  
4292253696

**Protanopia**  
4290356237

**Deuteranopia**  
4291795712



# Trichromacy



**Original Color**  
4292253696

**Protanomaly**  
4291076104

**Deuteranomaly**  
4291992064

**Tritanomaly**  
4292514145

# Monochromacy



**Original Color**  
4292253696

**Achromatopsia**  
4288256409

**Achromatomaly**  
4289698145

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292253696 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(214, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 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(214, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292253696 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(214, 152, 0) }
```

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

```
.border{ border-color:rgb(214, 152, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 152, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4292253696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 0) }
```

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

```
.background{ background-color: rgb(214,  
152, 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](#).



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