

# Converting Colors

Android(4292124192)

Have a look what the booklet for  
Android(4292124192) contains.

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# **Color**

**Android(4292124192)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D49E20
RGB	212, 158, 32
RGB Percent	83%, 62%, 13%
CMY	0.1686, 0.3804, 0.8745
CMYK	0.00, 0.25, 0.85, 0.17
HSL	42°, 74%, 48%
HSV	42°, 85%, 83%
XYZ	39.6389, 38.5551, 6.7192
YIQ	159.7820, 72.6300, -27.7380

# Conversions

## Conversions Part 2

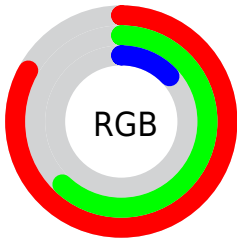
Format	Color
<a href="#">RYB</a>	<a href="#">109, 212, 32</a>
Decimal	<a href="#">13934112</a>
CIELab	<a href="#">68.43, 9.65, 66.53</a>
CIELCh	<a href="#">68, 67.227, 81.746</a>
Yxy	<a href="#">38.5551, 0.4668, 0.4541</a>
Android (android.graphics.Color)	<a href="#">4292124192 (0xFFD49E20)</a>
YUV	<a href="#">159.7820, -62.9965, 45.7952</a>
Hunter-Lab	<a href="#">62.0927, 5.2892, 37.0490</a>

# Details

The Android color **4292124192** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **4280309460**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4294956122**, and **4288178944** is the 20% darker color. If you saturate the color by 10%, you get **4292122635**, and if you desaturate by 10%, it is **4292125749**.

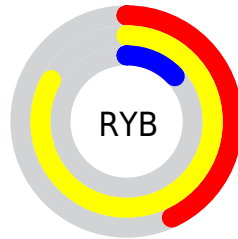
# Distribution



Red (83%)

Green (62%)

Blue (13%)



Red (43%)

Yellow (83%)

Blue (13%)

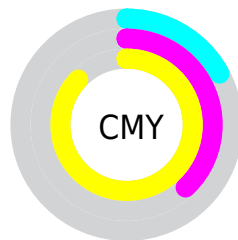


Cyan (0%)

Magenta (25%)

Yellow (85%)

Black (17%)



Cyan (17%)

Magenta (38%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292124192 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 4292124192 by changing the saturation by 10% instead.



 4292124192

 4292124192

4294967295

 4290151424

 4294956122

 4288178944

 4294963574

 4286337792

 4294967185

 4284431360

 4294967213

 4282656512

 4294967242

 4280947456

 4294967271

 4278648832

 4278190080

 4292124192

 4292124192

■ 4292122635

■ 4292125749

■ 4292121600

■ 4292127562

■ 4292129120

■ 4292130677

■ 4292132490

■ 4292134047

■ 4292135860

■ 4292137418

■ 4292138975

# Harmonies

## Analogous

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



4294935880



4292124192



4288393511

# Triad

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



4292124192



4278240466



4292903923

# Complementary

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



4292124192



4280309460

# 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.



4287143679



4292124192



4278239231

# Square

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



4292124192



4278240147



4278236159



4294930106

# Rectangle

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



4292124192



4285315653



4278236159



4291333375



# Sweetspot

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



4292124192



4294962367



4292091990



4286608473



4278190080



4286611584



# Same Dimension

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



4292124192



4294947584



4289778720



4285229152



4289427456



4281015808



# Inverse Universe

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



4280309460



4278209791



4282654932



4284507243



4278203307



4278193451



# Previews

## White Background



This preview shows how the Android color 4292124192 looks on a white background.

## Color Contrast Check

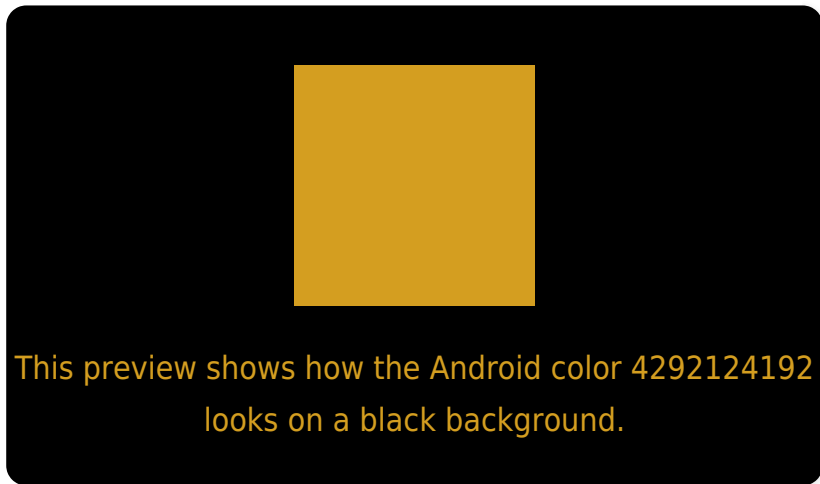
Large Text (above 18pt) WCAG AA × Fail

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 4292124192 Background



This preview shows how black text looks on a background with the Android color 4292124192.



This preview shows how white text looks on a background with the Android color 4292124192.

# 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**  
4292124192

**Protanopia**  
4290553891

**Deuteranopia**  
4292058912



**Tritanopia**  
4292580254

# Trichromacy



**Original Color**  
4292124192

**Protanomaly**  
4291142690

**Deuteranomaly**  
4292058912

**Tritanomaly**  
4292384624

# Monochromacy



**Original Color**  
4292124192

**Achromatopsia**  
4288716960

**Achromatomaly**  
4289961841

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292124192 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(212, 158, 32)` looks like.

```
.text, #text, p{  
    color:rgb(212, 158, 32)  
}
```

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(212, 158, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 158, 32) }
```

## Border

The CSS property to change the border of an element to Android 4292124192 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(212, 158, 32) }
```

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

```
.border{ border-color:rgb(212, 158, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 158, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 158, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 158, 32);  
box-shadow:4px 4px 4px 4px rgb(212, 158,  
32) }
```

# Background

The CSS property to change the background color of an element to Android 4292124192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 158, 32) }
```

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

```
.background{ background-color: rgb(212,  
158, 32) }
```

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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