

# Converting Colors

Android(4292321594)

Have a look what the booklet for  
Android(4292321594) contains.

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# **Color**

**Android(4292321594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7A13A
RGB	215, 161, 58
RGB Percent	84%, 63%, 23%
CMY	0.1569, 0.3686, 0.7725
CMYK	0.00, 0.25, 0.73, 0.16
HSL	39°, 66%, 54%
HSV	39°, 73%, 84%
XYZ	41.5329, 40.2423, 9.5815
YIQ	165.4040, 65.2470, -20.5850

# Conversions

## Conversions Part 2

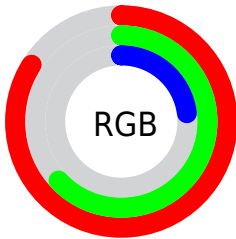
Format	Color
<b>RYB</b>	140, 215, 58
Decimal	14131514
CIELab	69.64, 10.28, 58.70
CIELCh	70, 59.592, 80.071
Yxy	40.2423, 0.4546, 0.4405
Android (android.graphics.Color)	4292321594 (0xFFD7A13A)
YUV	165.4040, -52.9502, 43.4957
Hunter-Lab	63.4368, 5.8519, 35.4506

# Details

The Android color **4292321594** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4282020055**, and the grayscale version is **4289111718**.

A 20% lighter version of the original color is **4294957167**, and **4288441856** is the 20% darker color. If you saturate the color by 10%, you get **4292319780**, and if you desaturate by 10%, it is **4292323407**.

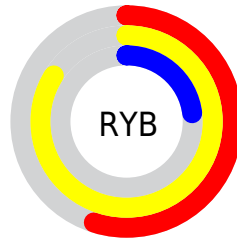
# Distribution



Red (84%)

Green (63%)

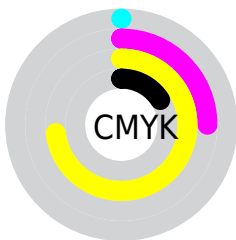
Blue (23%)



Red (55%)

Yellow (84%)

Blue (23%)

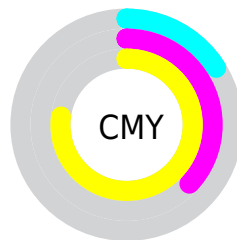


Cyan (0%)

Magenta (25%)

Yellow (73%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292321594 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 4292321594 by changing the saturation by 10% instead.





4292321594



4292321594

4294967295



4290348829



4294957167



4288441856



4294964362



4286535168



4294967205



4284694016



4294967233



4282919168



4294967262



4281210112



4294967291



4279500800



4278190080



4292321594



4292321594

■ 4292319780

■ 4292323407

■ 4292317711

■ 4292325477

■ 4292316416

■ 4292327290

■ 4292329360

■ 4292331173

■ 4292332987

■ 4292335057

■ 4292336870

■ 4292338940

# Harmonies

## Analogous

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



4294741081



4292321594



4289049149

# Triad

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



4292321594



4278240718



4292513264

# Complementary

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



4292321594



4282020055

# 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.



4287472639



4292321594



4278239484

# Square

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



4292321594



4278240406



4278236671



4294933694

# Rectangle

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



4292321594



4286364499



4278236671



4291138813



# Sweetspot

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



4292321594



4294962375



4292295281



4286608478



4278190080



4286611584



# Same Dimension

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



4292321594



4294947359



4290762554



4285228896



4289425408



4281015296



# Inverse Universe

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



4282020055



4280249599



4283579095



4284507243



4278205355



4278193963



# Previews

## White Background



This preview shows how the Android color 4292321594 looks on a white background.

## Color Contrast Check

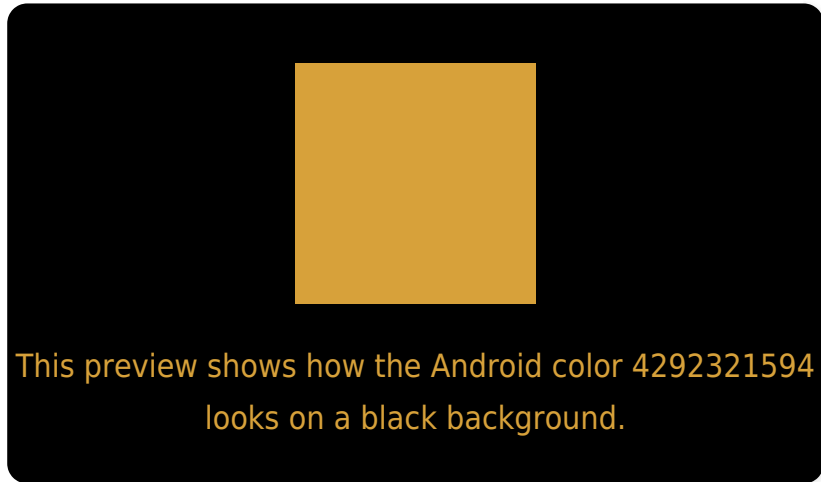
Large Text (above 18pt) WCAG AA × Fail

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 4292321594 Background



This preview shows how black text looks on a background with the Android color 4292321594.



This preview shows how white text looks on a background with the Android color 4292321594.

# 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**  
4292321594

**Protanopia**  
4290685757

**Deuteranopia**  
4292190778



**Tritanopia**  
4292777890

# Trichromacy



**Original Color**  
4292321594

**Protanomaly**  
4291274556

**Deuteranomaly**  
4292256314

**Tritanomaly**  
4292582268

# Monochromacy



**Original Color**  
4292321594

**Achromatopsia**  
4289045925

**Achromatomaly**  
4290225278

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292321594 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(215, 161, 58)` looks like.

```
.text, #text, p{  
    color:rgb(215, 161, 58)  
}
```

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(215, 161, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 161, 58) }
```

## Border

The CSS property to change the border of an element to Android 4292321594 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(215, 161, 58) }
```

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

```
.border{ border-color:rgb(215, 161, 58) }
```

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

Here you see how a box with a 4 pixel rgb(215, 161, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 161, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 161, 58);  
box-shadow:4px 4px 4px 4px rgb(215, 161,  
58) }
```

# Background

The CSS property to change the background color of an element to Android 4292321594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 161, 58) }
```

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

```
.background{ background-color: rgb(215,  
161, 58) }
```

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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