

# Converting Colors

Android(4291009568)

Have a look what the booklet for  
Android(4291009568) contains.

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# **Color**

**Android(4291009568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C39C20
RGB	195, 156, 32
RGB Percent	76%, 61%, 13%
CMY	0.2353, 0.3882, 0.8745
CMYK	0.00, 0.20, 0.84, 0.24
HSL	46°, 72%, 45%
HSV	46°, 84%, 76%
XYZ	34.6549, 35.4833, 6.3890
YIQ	153.5250, 63.0480, -30.2960

# Conversions

## Conversions Part 2

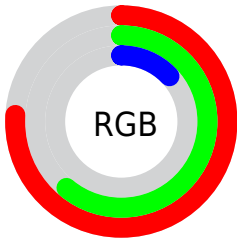
Format	Color
<a href="#">RYB</a>	<a href="#">83, 195, 32</a>
Decimal	<a href="#">12819488</a>
CIELab	<a href="#">66.12, 3.22, 63.87</a>
CIElCh	<a href="#">66, 63.955, 87.113</a>
Yxy	<a href="#">35.4833, 0.4528, 0.4637</a>
Android (android.graphics.Color)	<a href="#">4291009568</a> ( <a href="#">0xFFC39C20</a> )
YUV	<a href="#">153.5250, -59.9118, 36.3736</a>
Hunter-Lab	<a href="#">59.5679, -0.3977, 35.3384</a>

# Details

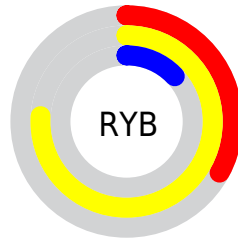
The Android color **4291009568** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark muted orange. A complement of this color would be **4280305603**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4294955609**, and **4287195392** is the 20% darker color. If you saturate the color by 10%, you get **4291008268**, and if you desaturate by 10%, it is **4291010867**.

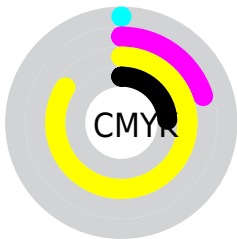
# Distribution



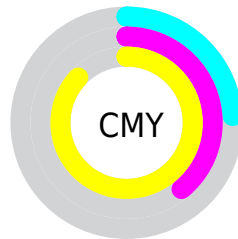
- Red (76%)
- Green (61%)
- Blue (13%)



- Red (33%)
- Yellow (76%)
- Blue (13%)



- Cyan (0%)
- Magenta (20%)
- Yellow (84%)
- Black (24%)



- Cyan (24%)
- Magenta (39%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291009568 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 4291009568 by changing the saturation by 10% instead.





4291009568



4291009568

4294967295



4289102336



4294955609



4287195392



4294962805



4285354240



4294967184



4283513600



4294967212



4281738496



4294967240



4280160512



4294967269



4278190080



4291009568



4291009568



4291008268



4291010867

■ 4291007488

■ 4291011911

■ 4291013211

■ 4291014510

■ 4291015554

■ 4291016853

■ 4291018153

■ 4291019196

■ 4291020495

# Harmonies

## Analogous

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



4293822015



4291009568



4287343920

# Triad

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



4291009568



4278238419



4292967392

# Complementary

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



4291009568



4280305603

# 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.



4288124159



4291009568



4278236927

# Square

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



4291009568



4278238361



4278233599



4294929065

# Rectangle

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



4291009568



4284200014



4278233599



4291658736

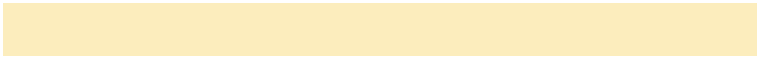


# Sweetspot

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



4291009568



4294766013



4290977865



4286608985



4278190080



4286611584



# Same Dimension

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



4291009568



4294754304



4288332576



4284571479



4288772608



4280359168



# Inverse Universe

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



4280305603



4278205692



4282982595



4283914849



4278199969



4278192161



# Previews

## White Background



This preview shows how the Android color 4291009568 looks on a white background.

## Color Contrast Check

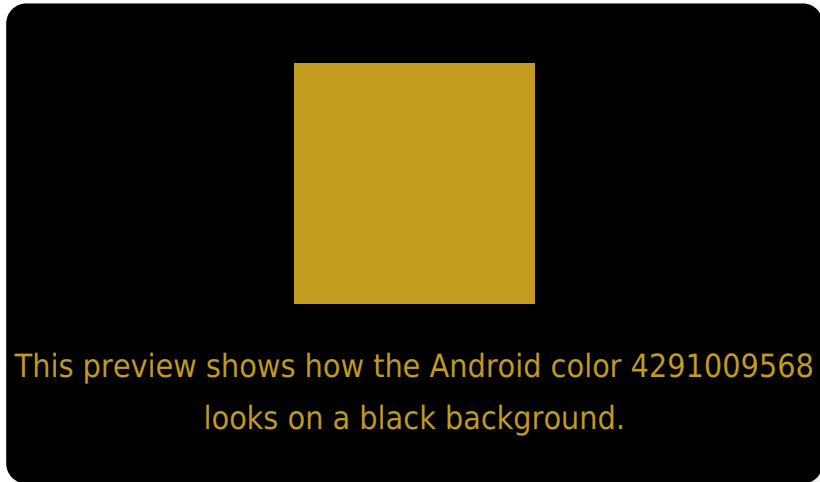
Large Text (above 18pt) WCAG AA × Fail

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 4291009568 Background



This preview shows how black text looks on a background with the Android color 4291009568.



This preview shows how white text looks on a background with the Android color 4291009568.

# 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**  
4291009568

**Protanopia**  
4290093345

**Deuteranopia**  
4291533090



**Tritanopia**  
4291531164

# Trichromacy



**Original Color**  
4291009568

**Protanomaly**  
4290420513

**Deuteranomaly**  
4291336737

**Tritanomaly**  
4291335535

# Monochromacy



**Original Color**  
4291009568

**Achromatopsia**  
4288322202

**Achromatomaly**  
4289305454

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291009568 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(195, 156, 32)` looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 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(195, 156, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 32) }
```

## Border

The CSS property to change the border of an element to Android 4291009568 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(195, 156, 32) }
```

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

```
.border{ border-color:rgb(195, 156, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 156, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 156, 32);  
box-shadow:4px 4px 4px 4px rgb(195, 156,  
32) }
```

# Background

The CSS property to change the background color of an element to Android 4291009568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 32) }
```

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

```
.background{ background-color: rgb(195,  
156, 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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