

# Converting Colors

Android(4291599655)

Have a look what the booklet for  
Android(4291599655) contains.

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# **Color**

**Android(4291599655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC9D27
RGB	204, 157, 39
RGB Percent	80%, 62%, 15%
CMY	0.2000, 0.3843, 0.8471
CMYK	0.00, 0.23, 0.81, 0.20
HSL	43°, 68%, 48%
HSV	43°, 81%, 80%
XYZ	37.3250, 37.0978, 7.1128
YIQ	157.6010, 65.8900, -26.7340

# Conversions

## Conversions Part 2

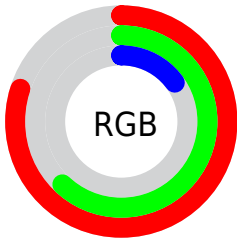
Format	Color
<a href="#">RYB</a>	<a href="#">105, 204, 39</a>
Decimal	<a href="#">13409575</a>
CIELab	<a href="#">67.35, 6.88, 63.16</a>
CIELCh	<a href="#">67, 63.533, 83.783</a>
Yxy	<a href="#">37.0978, 0.4578, 0.4550</a>
Android (android.graphics.Color)	<a href="#">4291599655 (0xFFCC9D27)</a>
YUV	<a href="#">157.6010, -58.4703, 40.6919</a>
Hunter-Lab	<a href="#">60.9080, 2.7977, 35.7117</a>

# Details

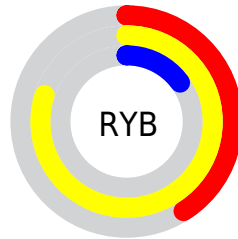
The Android color **4291599655** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **4280768204**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4294955871**, and **4287719936** is the 20% darker color. If you saturate the color by 10%, you get **4291598099**, and if you desaturate by 10%, it is **4291601211**.

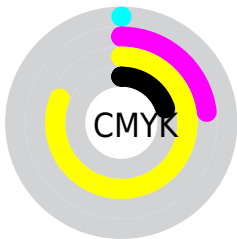
# Distribution



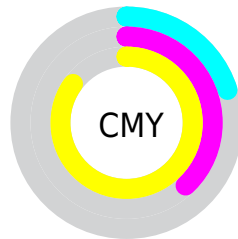
- Red (80%)
- Green (62%)
- Blue (15%)



- Red (41%)
- Yellow (80%)
- Blue (15%)



- Cyan (0%)
- Magenta (23%)
- Yellow (81%)
- Black (20%)



- Cyan (20%)
- Magenta (38%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291599655 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 4291599655 by changing the saturation by 10% instead.





4291599655



4291599655

4294967295



4289626880



4294955871



4287719936



4294963066



4285878784



4294967189



4284037888



4294967217



4282263040



4294967246



4280619520



4294967275



4278190080



4291599655



4291599655



4291598099



4291601211

■ 4291596800

■ 4291602768

■ 4291604068

■ 4291605625

■ 4291607181

■ 4291608737

■ 4291610294

■ 4291611594

■ 4291613151

# Harmonies

## Analogous

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



4294280776



4291599655



4287999537

# Triad

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



4291599655



4278239185



4292772328

# Complementary

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



4291599655



4280768204

# 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.



4287601407



4291599655



4278237951

# Square

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



4291599655



4278239126



4278234879



4294930354

# Rectangle

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



4291599655



4285052492



4278234879



4291398135



# Sweetspot

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



4291599655



4294962882



4291569497



4286608731



4278190080



4286611584



# Same Dimension

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



4291599655



4294949128



4289448999



4284900188



4289099520



4280687360



# Inverse Universe

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



4280768204



4278734591



4282918860



4284243814



4278202278



4278192934



# Previews

## White Background



This preview shows how the Android color 4291599655 looks on a white background.

## Color Contrast Check

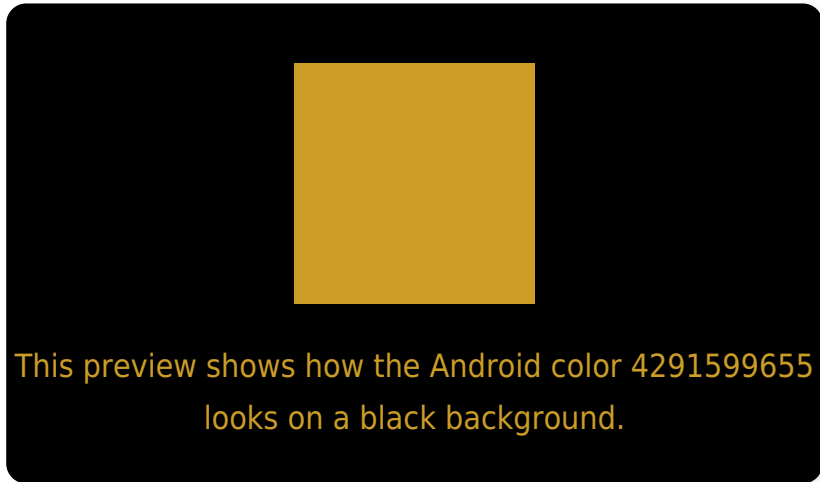
Large Text (above 18pt) WCAG AA × Fail

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 4291599655 Background



This preview shows how black text looks on a background with the Android color 4291599655.



This preview shows how white text looks on a background with the Android color 4291599655.

# 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**  
4291599655

**Protanopia**  
4290356521

**Deuteranopia**  
4291796008

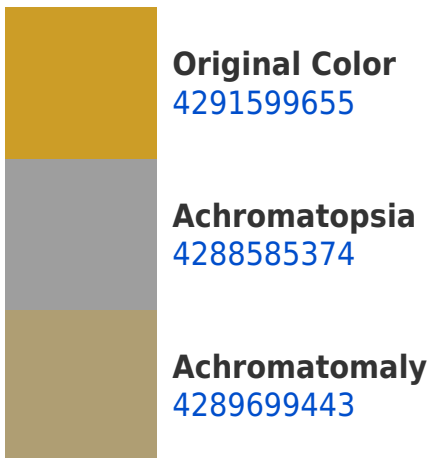


**Tritanopia**  
4292055710

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291599655 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(204, 157, 39)` looks like.

```
.text, #text, p{  
    color:rgb(204, 157, 39)  
}
```

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(204, 157, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 157, 39) }
```

## Border

The CSS property to change the border of an element to Android 4291599655 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(204, 157, 39) }
```

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

```
.border{ border-color:rgb(204, 157, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 157, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 157, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 157, 39);  
box-shadow:4px 4px 4px 4px rgb(204, 157,  
39) }
```

# Background

The CSS property to change the background color of an element to Android 4291599655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 157, 39) }
```

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

```
.background{ background-color: rgb(204,  
157, 39) }
```

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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