

# Converting Colors

Android(4294089496)

Have a look what the booklet for  
Android(4294089496) contains.

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# **Color**

**Android(4294089496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F29B18
RGB	242, 155, 24
RGB Percent	95%, 61%, 9%
CMY	0.0510, 0.3922, 0.9059
CMYK	0.00, 0.36, 0.90, 0.05
HSL	36°, 89%, 52%
HSV	36°, 90%, 95%
XYZ	48.5042, 42.3859, 6.4890
YIQ	166.0790, 93.9030, -22.2970

# Conversions

## Conversions Part 2

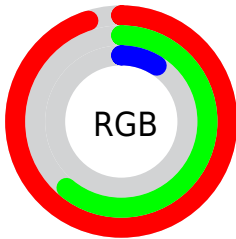
Format	Color
R <sub>Y</sub> B	169, 242, 24
Decimal	15899416
CIE Lab	71.14, 23.97, 72.11
CIE LCh	71, 75.994, 71.610
Yxy	42.3859, 0.4981, 0.4353
Android (android.graphics.Color)	4294089496 (0xFFFF29B18)
YUV	166.0790, -70.0449, 66.5827
Hunter-Lab	65.1044, 19.0534, 39.6636

# Details

The Android color **4294089496** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **4279791602**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4294955606**, and **4290013184** is the 20% darker color. If you saturate the color by 10%, you get **4294086912**, and if you desaturate by 10%, it is **4294092080**.

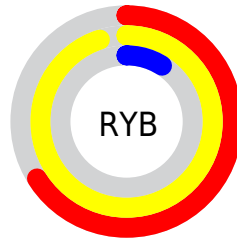
# Distribution



Red (95%)

Green (61%)

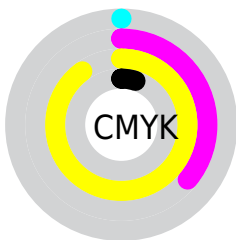
Blue (9%)



Red (66%)

Yellow (95%)

Blue (9%)

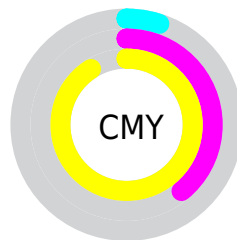


Cyan (0%)

Magenta (36%)

Yellow (90%)

Black (5%)



Cyan (5%)

Magenta (39%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294089496 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 4294089496 by changing the saturation by 10% instead.





4294089496



4294089496

4294967295



4292051200



4294955606



4290013184



4294962802



4287975168



4294967182



4286003200



4294967210



4284097024



4294967238



4282321664



4294967267



4280811520



4278190080



4294089496



4294089496

■ 4294086912

■ 4294092080

■ 4294094408

■ 4294096993

■ 4294099577

■ 4294101905

■ 4294104489

■ 4294107073

■ 4294109402

■ 4294111986

# Harmonies

## Analogous

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



4294933845



4294089496



4290228992

# Triad

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



4294089496



4278243016



4292055039

# Complementary

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



4294089496



4279791602

# 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.



4282363391



4294089496



4278242559

# Square

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



4294089496



4278242432



4278239999



4294930908

# Rectangle

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



4294089496



4287020838



4278239999



4289829631



# Sweetspot

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



4294089496



4294960314



4294056047



4286607191



4278190080



4286611584



# Same Dimension

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



4294089496



4294940928



4292669976



4286083948



4290276864



4281868800



# Inverse Universe

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



4279791602



4278216447



4281211122



4285297016



4278208952



4278195768



# Previews

## White Background



This preview shows how the Android color 4294089496 looks on a white background.

## Color Contrast Check

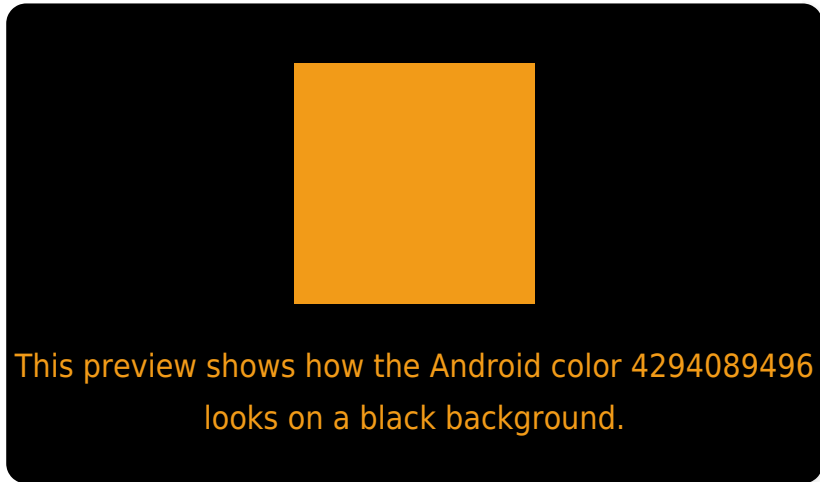
Large Text (above 18pt) WCAG AA × Fail

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 4294089496 Background



This preview shows how black text looks on a background with the Android color 4294089496.



This preview shows how white text looks on a background with the Android color 4294089496.

# 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**  
4294089496

**Protanopia**  
4291145502

**Deuteranopia**  
4292715787



**Tritanopia**  
4294480027

# Trichromacy



**Original Color**  
4294089496

**Protanomaly**  
4292192284

**Deuteranomaly**  
4293239056

**Tritanomaly**  
4294349931

# Monochromacy



**Original Color**  
4294089496

**Achromatopsia**  
4289111718

**Achromatomaly**  
4290945650

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294089496 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(242, 155, 24)` looks like.

```
.text, #text, p{  
    color:rgb(242, 155, 24)  
}
```

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(242, 155, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 155, 24) }
```

## Border

The CSS property to change the border of an element to Android 4294089496 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(242, 155, 24) }
```

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

```
.border{ border-color:rgb(242, 155, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 155, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 155, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 155, 24);  
box-shadow:4px 4px 4px 4px rgb(242, 155,  
24) }
```

# Background

The CSS property to change the background color of an element to Android 4294089496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 155, 24) }
```

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

```
.background{ background-color: rgb(242,  
155, 24) }
```

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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