

# Converting Colors

Android(4294959898)

Have a look what the booklet for  
Android(4294959898) contains.

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# **Color**

**Android(4294959898)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE31A
RGB	255, 227, 26
RGB Percent	100%, 89%, 10%
CMY	0.0000, 0.1098, 0.8980
CMYK	0.00, 0.11, 0.90, 0.00
HSL	53°, 100%, 55%
HSV	53°, 90%, 100%
XYZ	68.8955, 76.2728, 12.0682
YIQ	212.4580, 81.2090, -56.5750

# Conversions

## Conversions Part 2

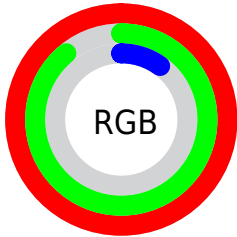
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 255, 26
Decimal	16769818
CIE <sub>Lab</sub>	89.99, -7.69, 86.66
CIE <sub>LCh</sub>	90, 87.004, 95.070
Yxy	76.2728, 0.4382, 0.4851
Android (android.graphics.Color)	4294959898 (0xFFFFE31A)
YUV	212.4580, -91.9238, 37.3093
Hunter-Lab	87.3343, -12.0214, 52.9411

# Details

The Android color **4294959898** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **4279908095**, and the grayscale version is **4292203989**.

A 20% lighter version of the original color is **4294967139**, and **4290882560** is the 20% darker color. If you saturate the color by 10%, you get **4294959104**, and if you desaturate by 10%, it is **4294960691**.

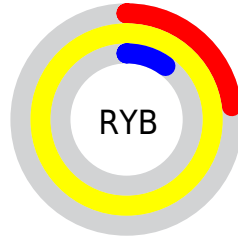
# Distribution



Red (100%)

Green (89%)

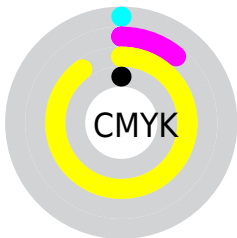
Blue (10%)



Red (23%)

Yellow (100%)

Blue (10%)

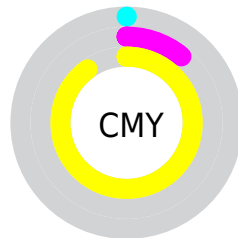


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (11%)


















Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294959898 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 4294959898 by changing the saturation by 10% instead.



 4294959898	 4294959898
4294967295	 4292921088
 4294967139	 4290882560
 4294967169	 4288909824
 4294967198	 4287002624
 4294967227	 4285095936
 4294967257	 4283255040
 4294967287	 4281545216
	 4279967232
	 4278190080

■ 4294959898

■ 4294959898

■ 4294959104

■ 4294960691

■ 4294961485

■ 4294962278

■ 4294963072

■ 4294964121

■ 4294964915

■ 4294965708

■ 4294966502

4294967295

# Harmonies

## Analogous

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



4294952003



4294959898



4289263692

# Triad

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



4294959898



4278255615



4294943231

# Complementary

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



4294959898



4279908095

# 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.



4294362879



4294959898



4278255103

# Square

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



4294959898



4278255599



4278249471



4294938840

# Rectangle

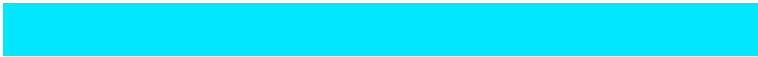
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294959898



4283498365



4278249471



4294946303



# Sweetspot

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



4294959898



4294965178



4294908473



4286610263



4278190080



4286611584



# Same Dimension

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



4294959898



4294959104



4289462042



4286611059



4290750464



4282398720



# Inverse Universe

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



4279908095



4278198271



4285405951



4285756544



4278196159



4278192192



# Previews

## White Background



This preview shows how the Android color 4294959898 looks on a white background.

## Color Contrast Check

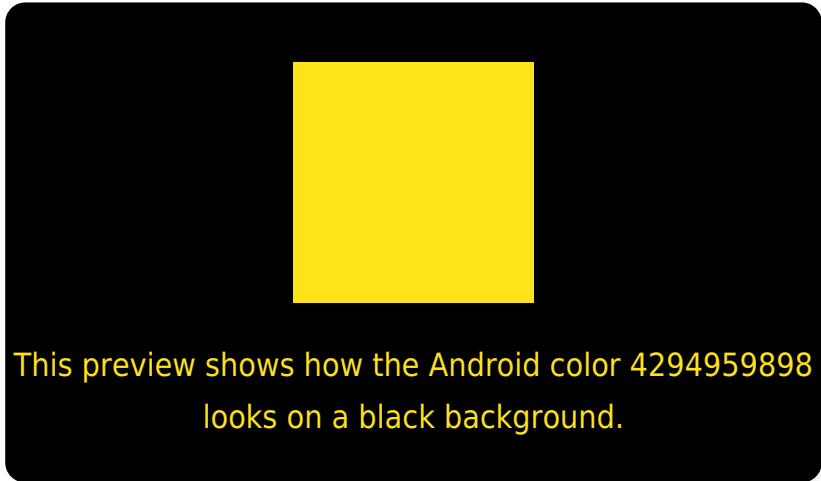
Large Text (above 18pt) WCAG AA × Fail

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 4294959898 Background



This preview shows how black text looks on a background with the Android color 4294959898.



This preview shows how white text looks on a background with the Android color 4294959898.

# 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**  
4294959898

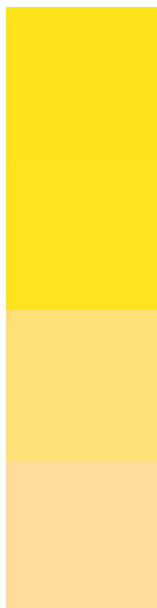
**Protanopia**  
4294959907

**Deuteranopia**  
4294958510



**Tritanopia**  
4294957283

# Trichromacy



**Original Color**

4294959898

**Protanomaly**

4294959904

**Deuteranomaly**

4294958968

**Tritanomaly**

4294958234

# Monochromacy



**Original Color**

4294959898

**Achromatopsia**

4292138196

**Achromatomaly**

4293187984

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294959898 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(255, 227, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 26)  
}
```

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(255, 227, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 26) }
```

## Border

The CSS property to change the border of an element to Android 4294959898 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(255, 227, 26) }
```

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

```
.border{ border-color:rgb(255, 227, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
26) }
```

# Background

The CSS property to change the background color of an element to Android 4294959898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 26) }
```

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

```
.background{ background-color: rgb(255,  
227, 26) }
```

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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