

# Converting Colors

Android(4294957902)

Have a look what the booklet for  
Android(4294957902) contains.

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# **Color**

**Android(4294957902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDB4E
RGB	255, 219, 78
RGB Percent	100%, 86%, 31%
CMY	0.0000, 0.1412, 0.6941
CMYK	0.00, 0.14, 0.69, 0.00
HSL	48°, 100%, 65%
HSV	48°, 69%, 100%
XYZ	67.9467, 72.4731, 17.6153
YIQ	213.6900, 66.7170, -36.2190

# Conversions

## Conversions Part 2

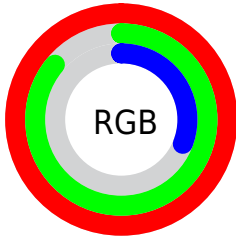
Format	Color
<a href="#">RYB</a>	<a href="#">123, 255, 78</a>
Decimal	<a href="#">16767822</a>
CIELab	<a href="#">88.20, -2.05, 70.67</a>
CIELCh	<a href="#">88, 70.699, 91.658</a>
Yxy	<a href="#">72.4731, 0.4299, 0.4586</a>
Android (android.graphics.Color)	<a href="#">4294957902</a> ( <a href="#">0xFFFFDB4E</a> )
YUV	<a href="#">213.6900, -66.8952, 36.2289</a>
Hunter-Lab	<a href="#">85.1311, -6.5113, 47.3236</a>

# Details

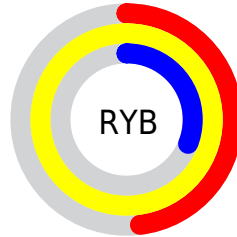
The Android color `4294957902` is a light color, and the websafe version is hex `FFCC33`. The color can be described as light washed yellow. A complement of this color would be `4283331327`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294967174`, and `4290946053` is the 20% darker color. If you saturate the color by 10%, you get `4294956597`, and if you desaturate by 10%, it is `4294959208`.

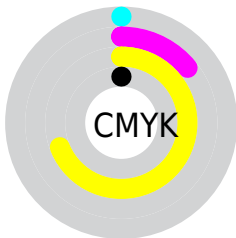
# Distribution



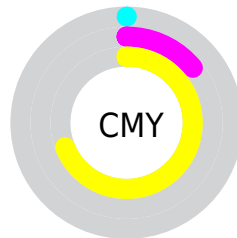
- Red (100%)
- Green (86%)
- Blue (31%)



- Red (48%)
- Yellow (100%)
- Blue (31%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294957902 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 4294957902 by changing the saturation by 10% instead.





4294957902



4294957902

4294967295



4292919088



4294967174



4290946053



4294967202



4289038848



4294967231



4287131904



4294967260



4285290752



4294967289



4283449856



4281740288



4280096768



4278190080

■ 4294957902

■ 4294957902

■ 4294956597

■ 4294959208

■ 4294955291

■ 4294960513

■ 4294953730

■ 4294962075

■ 4294953728

■ 4294963380

■ 4294964686

■ 4294965991

4294967295

# Harmonies

## Analogous

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



4294951526



4294957902



4290440804

# Triad

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



4294957902



4278255103



4294946815

# Complementary

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



4294957902



4283331327

# 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.



4293249791



4294957902



4278253055

# Square

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



4294957902



4278255327



4283622399



4294943196

# Rectangle

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



4294957902



4286707334



4283622399



4294948863



# Sweetspot

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



4294957902



4294964425



4294921844



4286609760



4278190080



4286611584



# Same Dimension

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



4294957902



4294956075



4291690318



4286610803



4290746368



4282397440



# Inverse Universe

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



4283331327



4281030399



4286598911



4285756800



4278200255



4278193472



# Previews

## White Background



This preview shows how the Android color 4294957902 looks on a white background.

## Color Contrast Check

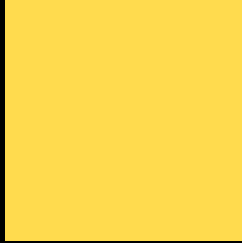
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4294957902 looks on a 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 4294957902 Background



This preview shows how black text looks on a background with the Android color 4294957902.



This preview shows how white text looks on a background with the Android color 4294957902.

# 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**  
4294957902

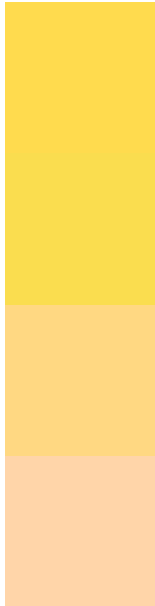
**Protanopia**  
4294434383

**Deuteranopia**  
4294956959



**Tritanopia**  
4294955741

# Trichromacy



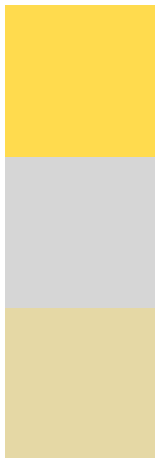
**Original Color**  
4294957902

**Protanomaly**  
4294630735

**Deuteranomaly**  
4294957186

**Tritanomaly**  
4294956457

# Monochromacy



**Original Color**  
4294957902

**Achromatopsia**  
4292269782

**Achromatomaly**  
4293253285

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294957902 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, 219, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 78)  
}
```

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, 219, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 78) }
```

## Border

The CSS property to change the border of an element to Android 4294957902 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, 219, 78) }
```

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

```
.border{ border-color:rgb(255, 219, 78) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
78) }
```

# Background

The CSS property to change the background color of an element to Android 4294957902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 78) }
```

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

```
.background{ background-color: rgb(255,  
219, 78) }
```

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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