

# Converting Colors

Android(4294962272)

Have a look what the booklet for  
Android(4294962272) contains.

<b>Android(4294962272)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4294962272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEC60
RGB	255, 236, 96
RGB Percent	100%, 93%, 38%
CMY	0.0000, 0.0745, 0.6235
CMYK	0.00, 0.07, 0.62, 0.00
HSL	53°, 100%, 69%
HSV	53°, 62%, 100%
XYZ	73.3468, 82.0954, 23.0465
YIQ	225.7210, 56.2640, -39.5120

# Conversions

## Conversions Part 2

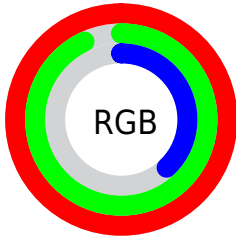
Format	Color
R <sub>Y</sub> B	118, 255, 96
Decimal	16772192
CIE Lab	92.62, -9.56, 68.08
CIE LCh	93, 68.747, 97.992
Yxy	82.0954, 0.4109, 0.4599
Android (android.graphics.Color)	4294962272 (0xFFFFEC60)
YUV	225.7210, -63.9525, 25.6777
Hunter-Lab	90.6065, -14.0641, 48.3437

# Details

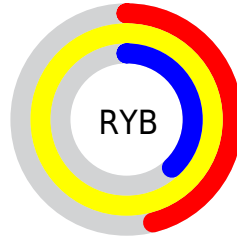
The Android color `4294962272` is a light color, and the websafe version is hex `FFFF66`. A complement of this color would be `4284511231`, and the grayscale version is `4293059298`.

A 20% lighter version of the original color is `4294967192`, and `4291015717` is the 20% darker color. If you saturate the color by 10%, you get `4294961479`, and if you desaturate by 10%, it is `4294963066`.

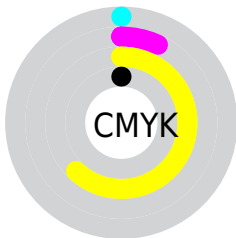
# Distribution



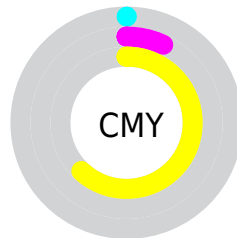
- Red (100%)
- Green (93%)
- Blue (38%)



- Red (46%)
- Yellow (100%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (62%)
- Black (0%)


















- Cyan (0%)
- Magenta (7%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294962272 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 4294962272 by changing the saturation by 10% instead.



 4294962272	 4294962272
4294967295	 4292988996
 4294967192	 4291015717
 4294967220	 4289108480
 4294967249	 4287201280
 4294967278	 4285359872
	 4283584256
	 4281809152
	 4280165376
	 4278194176

■ 4294962272

■ 4294962272

■ 4294961479

■ 4294963066

■ 4294960685

■ 4294963859

■ 4294959892

■ 4294964653

■ 4294959360

■ 4294965446

■ 4294966240

■ 4294967033

4294967295

# Harmonies

## Analogous

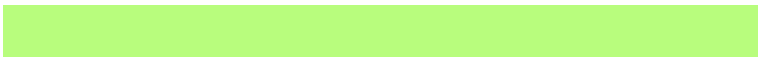
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294956398



4294962272



4290313597

# Triad

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



4294962272



4278255615



4294949375

# Complementary

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



4294962272



4284511231

# 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.



4294955519



4294962272



4278255359

# Square

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



4294962272



4278255610



4287949823



4294947035

# Rectangle

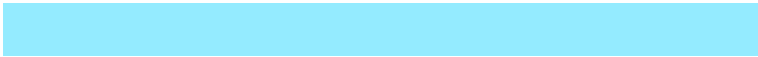
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294962272



4286381985



4287949823



4294951167



# Sweetspot

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



4294962272



4294965711



4294926453



4286610530



4278190080



4286611584



# Same Dimension

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



4294962272



4294961216



4291166048



4286611059



4290750464



4282398720



# Inverse Universe

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



4284511231



4282406911



4288307455



4285756544



4278196159



4278192192



# Previews

## White Background



This preview shows how the Android color 4294962272 looks on a white background.

## Color Contrast Check

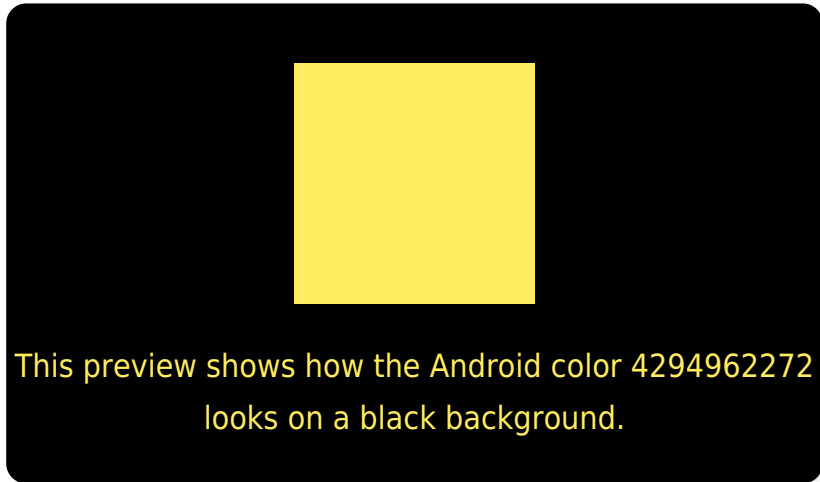
Large Text (above 18pt) WCAG AA × Fail

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 4294962272 Background



This preview shows how black text looks on a background with the Android color 4294962272.



This preview shows how white text looks on a background with the Android color 4294962272.

# 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**  
4294962272

**Protanopia**  
4294961804

**Deuteranopia**  
4294960840



**Tritanopia**  
4294959853

# Trichromacy



**Original Color**  
4294962272



**Protanomaly**  
4294962044



**Deuteranomaly**  
4294961314

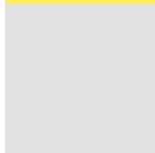


**Tritanomaly**  
4294960826

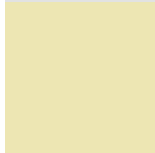
# Monochromacy



**Original Color**  
4294962272



**Achromatopsia**  
4293059298



**Achromatomaly**  
4293781171

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294962272 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, 236, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 96)  
}
```

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, 236, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 96) }
```

## Border

The CSS property to change the border of an element to Android 4294962272 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, 236, 96) }
```

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

```
.border{ border-color:rgb(255, 236, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4294962272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 96) }
```

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

```
.background{ background-color: rgb(255,  
236, 96) }
```

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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