

# Converting Colors

Android(4294176114)

Have a look what the booklet for  
Android(4294176114) contains.

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# **Color**

**Android(4294176114)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3ED72
RGB	243, 237, 114
RGB Percent	95%, 93%, 45%
CMY	0.0471, 0.0706, 0.5529
CMYK	0.00, 0.02, 0.53, 0.05
HSL	57°, 84%, 70%
HSV	57°, 53%, 95%
XYZ	70.2836, 80.8380, 27.8185
YIQ	224.7720, 43.0590, -36.9810

# Conversions

## Conversions Part 2

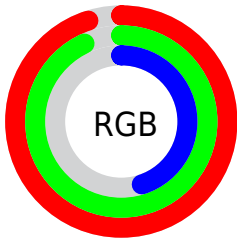
Format	Color
<b>R<sub>YB</sub></b>	120, 243, 114
Decimal	15986034
CIE Lab	92.06, -13.63, 59.40
CIE LCh	92, 60.946, 102.924
Yxy	80.8380, 0.3928, 0.4518
Android (android.graphics.Color)	4294176114 (0xFFFF3ED72)
YUV	224.7720, -54.6106, 15.9860
Hunter-Lab	89.9099, -17.8069, 44.5924

# Details

The Android color `4294176114` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4285692147`, and the grayscale version is `4292993505`.

A 20% lighter version of the original color is `4294967209`, and `4290295100` is the 20% darker color. If you saturate the color by 10%, you get `4294175834`, and if you desaturate by 10%, it is `4294176394`.

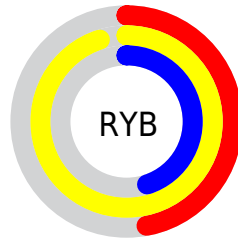
# Distribution



Red (95%)

Green (93%)

Blue (45%)



Red (47%)

Yellow (95%)

Blue (45%)

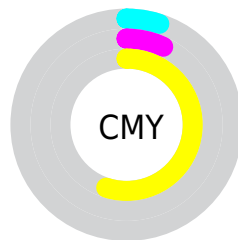


Cyan (0%)

Magenta (2%)

Yellow (53%)

Black (5%)



Cyan (5%)

Magenta (7%)















Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294176114 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 4294176114 by changing the saturation by 10% instead.



 4294176114	 4294176114
4294967295	 4292202839
 4294967209	 4290295100
 4294967237	 4288453406
 4294967266	 4286611712
	 4284835840
	 4283060224
	 4281350400
	 4279706624
	 4278193664

■ 4294176114

■ 4294176114

■ 4294175834

■ 4294176394

■ 4294175553

■ 4294176675

■ 4294175273

■ 4294176955

■ 4294174737

■ 4294177491

■ 4294174720

■ 4294177771

■ 4294178047

■ 4294178303

■ 4294178559

■ 4294178815

# Harmonies

## Analogous

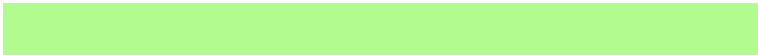
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294957431



4294176114



4289920143

# Triad

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



4294176114



4278255615



4294950143

# Complementary

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



4294176114



4285692147

# 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.



4294955007



4294176114



4278253823

# Square

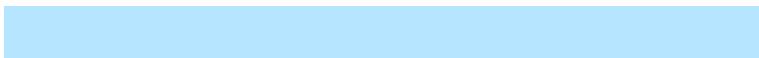
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294176114



4278255615



4290176767



4294949073

# Rectangle

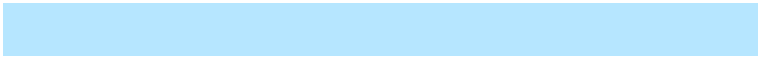
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294176114



4286447537



4290176767



4294951423



# Sweetspot

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



4294176114



4294966742



4294144632



4286611047



4278190080



4286611584



# Same Dimension

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



4294176114



4294965084



4290376562



4286216814



4290425088



4282071040



# Inverse Universe

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



4285692147



4284244991



4289491699



4285427578



4278192570

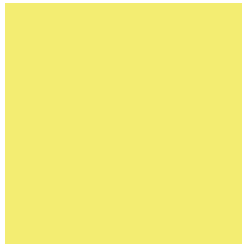


4278190907



# Previews

## White Background



This preview shows how the Android color 4294176114 looks on a white background.

## Color Contrast Check

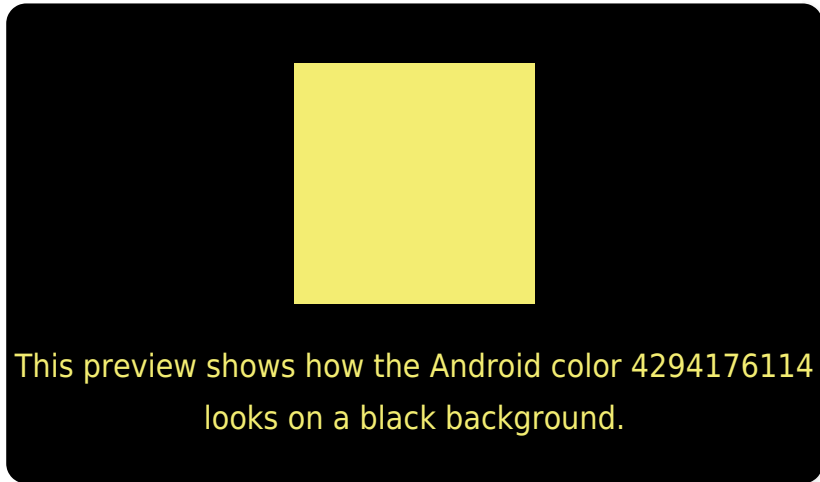
Large Text (above 18pt) WCAG AA × Fail

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 4294176114 Background



This preview shows how black text looks on a background with the Android color 4294176114.

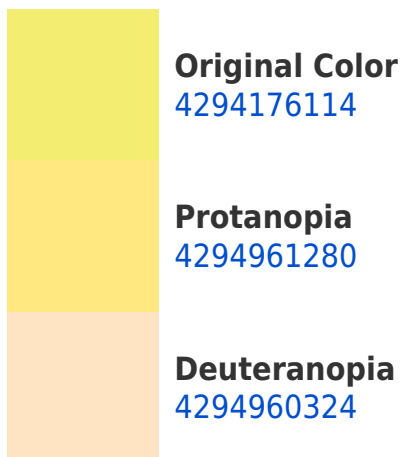



This preview shows how white text looks on a background with the Android color 4294176114.

# 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](#).

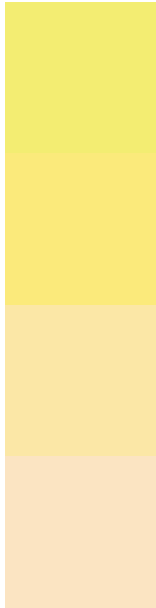
## Dichromacy





**Tritanopia**  
4294959088

# Trichromacy



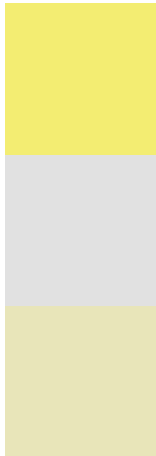
**Original Color**  
4294176114

**Protanomaly**  
4294699643

**Deuteranomaly**  
4294698918

**Tritanomaly**  
4294698178

# Monochromacy



**Original Color**  
4294176114

**Achromatopsia**  
4292993505

**Achromatomaly**  
4293453241

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294176114 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(243, 237, 114)` looks like.

```
.text, #text, p{  
    color:rgb(243, 237, 114)  
}
```

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(243, 237, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 237, 114) }
```

## Border

The CSS property to change the border of an element to Android 4294176114 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(243, 237, 114) }
```

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

```
.border{ border-color:rgb(243, 237, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 237, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 237, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 237, 114);  
box-shadow:4px 4px 4px 4px rgb(243, 237,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4294176114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 237, 114) }
```

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

```
.background{ background-color: rgb(243,  
237, 114) }
```

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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