

# Converting Colors

Android(4294690666)

Have a look what the booklet for  
Android(4294690666) contains.

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# **Color**

**Android(4294690666)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBC76A
RGB	251, 199, 106
RGB Percent	98%, 78%, 42%
CMY	0.0157, 0.2196, 0.5843
CMYK	0.00, 0.21, 0.58, 0.02
HSL	38°, 95%, 70%
HSV	38°, 58%, 98%
XYZ	62.8086, 62.3967, 22.3691
YIQ	203.9460, 60.8450, -17.8990

# Conversions

## Conversions Part 2

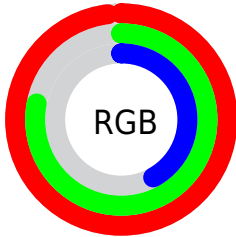
Format	Color
<a href="#">RYB</a>	<a href="#">187, 251, 106</a>
Decimal	<a href="#">16500586</a>
CIELab	<a href="#">83.12, 8.25, 52.89</a>
CIELCh	<a href="#">83, 53.531, 81.134</a>
Yxy	<a href="#">62.3967, 0.4256, 0.4228</a>
Android (android.graphics.Color)	<a href="#">4294690666 (0xFFFFBC76A)</a>
YUV	<a href="#">203.9460, -48.2874, 41.2664</a>
Hunter-Lab	<a href="#">78.9916, 3.6955, 38.5042</a>

# Details

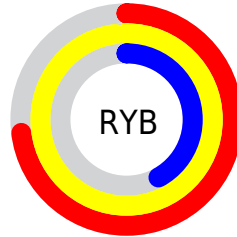
The Android color `4294690666` is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be `4285177595`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4294967200`, and `4290744630` is the 20% darker color. If you saturate the color by 10%, you get `4294688337`, and if you desaturate by 10%, it is `4294692995`.

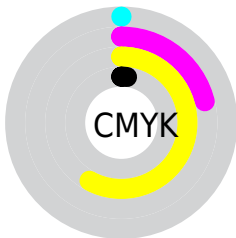
# Distribution



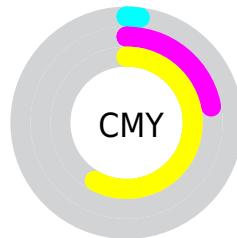
- Red (98%)
- Green (78%)
- Blue (42%)



- Red (73%)
- Yellow (98%)
- Blue (42%)



- Cyan (0%)
- Magenta (21%)
- Yellow (58%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294690666 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 4294690666 by changing the saturation by 10% instead.





4294690666



4294690666

4294967295



4292717648



4294967200



4290744630



4294967227



4288837659



4294967256



4286996224



4294967284



4285155328



4283379968



4281605376



4280026112



4278190080

4294690666

4294690666

4294688337

4294692995

4294686008

4294695324

4294683679

4294697653

4294681350

4294699982

4294680832

4294702311

4294704639

4294705151

# Harmonies

## Analogous

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



4294948226



4294690666



4291483502

# Triad

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



4294690666



4278249970



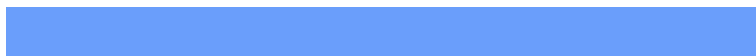
4294948095

# Complementary

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



4294690666



4285177595

# 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.



4290562303



4294690666



4278248703

# Square

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



4294690666



4282050750



4283881983



4294944736

# Rectangle

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



4294690666



4289060737



4283881983



4293704703

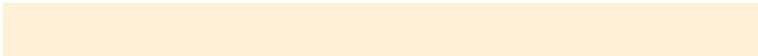


# Sweetspot

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



4294690666



4294963156



4294666911



4286608998



4278190080



4286611584



# Same Dimension

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



4294690666



4294950991



4293458794



4286412912



4290607360

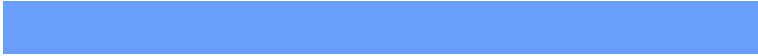


4282197760



# Inverse Universe

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



4285177595



4283404031



4286409467



4285560189



4278207677



4278195773



# Previews

## White Background



This preview shows how the Android color 4294690666 looks on a white background.

## Color Contrast Check

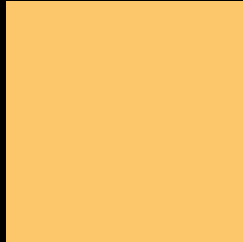
Large Text (above 18pt) WCAG AA × Fail

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 4294690666 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 4294690666 Background



This preview shows how black text looks on a background with the Android color 4294690666.



This preview shows how white text looks on a background with the Android color 4294690666.

# 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**  
4294690666

**Protanopia**  
4293250925

**Deuteranopia**  
4294952298



**Tritanopia**  
4294950603

# Trichromacy



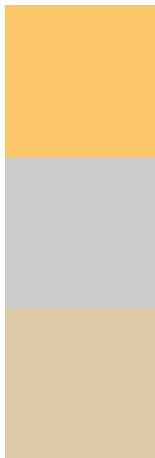
**Original Color**  
4294690666

**Protanomaly**  
4293774444

**Deuteranomaly**  
4294887018

**Tritanomaly**  
4294885800

# Monochromacy



**Original Color**  
4294690666

**Achromatopsia**  
4291611852

**Achromatomaly**  
4292725416

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294690666 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(251, 199, 106)` looks like.

```
.text, #text, p{  
    color:rgb(251, 199, 106)  
}
```

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(251, 199, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 199, 106) }
```

## Border

The CSS property to change the border of an element to Android 4294690666 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(251, 199, 106) }
```

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

```
.border{ border-color:rgb(251, 199, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 199, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 199, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 199, 106);  
box-shadow:4px 4px 4px 4px rgb(251, 199,  
106) }
```

# Background

The CSS property to change the background color of an element to Android 4294690666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 199, 106) }
```

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

```
.background{ background-color: rgb(251,  
199, 106) }
```

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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