

# Converting Colors

Android(4294570690)

Have a look what the booklet for  
Android(4294570690) contains.

<b>Android(4294570690)</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(4294570690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F2C2
RGB	249, 242, 194
RGB Percent	98%, 95%, 76%
CMY	0.0235, 0.0510, 0.2392
CMYK	0.00, 0.03, 0.22, 0.02
HSL	52°, 82%, 87%
HSV	52°, 22%, 98%
XYZ	80.5567, 87.5390, 63.6899
YIQ	238.6210, 19.5800, -13.4440

# Conversions

## Conversions Part 2

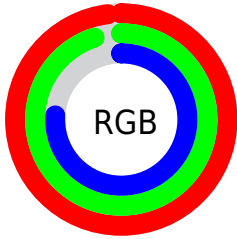
Format	Color
R <sub>Y</sub> B	202, 249, 194
Decimal	16380610
CIE Lab	94.97, -5.13, 24.06
CIE LCh	95, 24.599, 102.028
Yxy	87.5390, 0.3475, 0.3777
Android (android.graphics.Color)	4294570690 (0xFFFF9F2C2)
YUV	238.6210, -21.9982, 9.1024
Hunter-Lab	93.5623, -10.0464, 25.1336

# Details

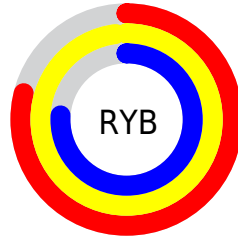
The Android color `4294570690` is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be `4290955769`, and the grayscale version is `4293914607`.

A 20% lighter version of the original color is `4294967291`, and `4290820748` is the 20% darker color. If you saturate the color by 10%, you get `4294569897`, and if you desaturate by 10%, it is `4294571483`.

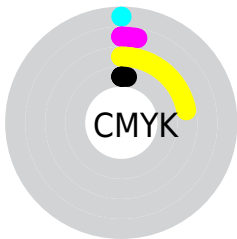
# Distribution



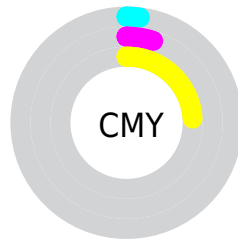
- Red (98%)
- Green (95%)
- Blue (76%)



- Red (79%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294570690 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 4294570690 by changing the saturation by 10% instead.



 4294570690

 4294570690

4294967295

 4292662951

 4294967291

 4290820748

 4289044338

 4287268186

 4285557826

 4283913259

 4282334485

 4280887040

 4279112448

 4294570690

 4294570690

 4294569897

 4294571483

 4294569104

 4294572276

 4294568055

 4294573311

 4294567262

 4294574079

 4294566470

 4294565677

 4294564884

 4294564096

# Harmonies

## Analogous

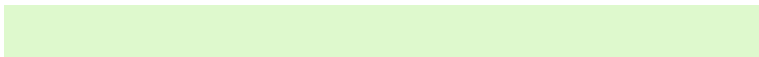
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294961860



4294570690



4292803021

# Triad

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



4294570690



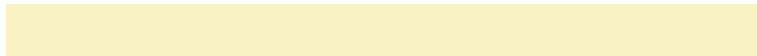
4289920255



4294959615

# Complementary

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



4294570690



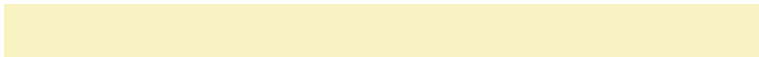
4290955769

# 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.



4294961151



4294570690



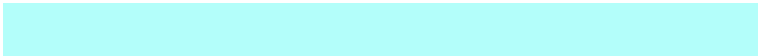
4291098623

# Square

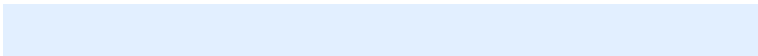
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294570690



4289986298



4293062655



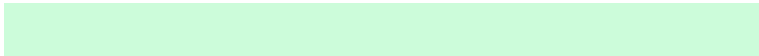
4294959336

# Rectangle

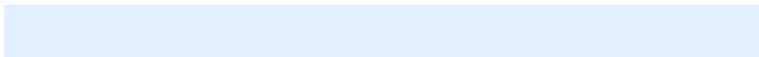
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294570690



4291624154



4293062655

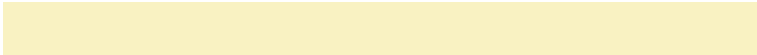


4294960127

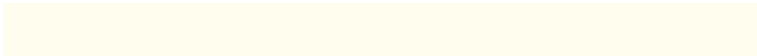


# Sweetspot

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



4294570690



4294966765



4294558409



4286611061



4278190080



4286611584



# Same Dimension

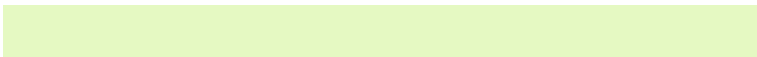
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294570690



4294964922



4293261762



4286413680



4290618624



4282201344



# Inverse Universe

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



4290955769



4290429951



4292264697



4285559421



4278196413

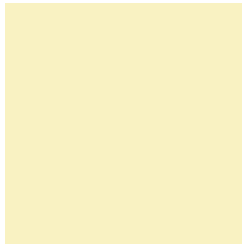


4278192189



# Previews

## White Background



This preview shows how the Android color 4294570690 looks on a white background.

## Color Contrast Check

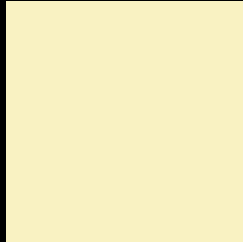
Large Text (above 18pt) WCAG AA × Fail

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 4294570690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

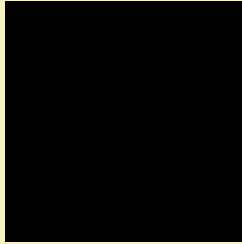
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294570690 Background



This preview shows how black text looks on a background with the Android color 4294570690.



This preview shows how white text looks on a background with the Android color 4294570690.

# 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**  
4294570690

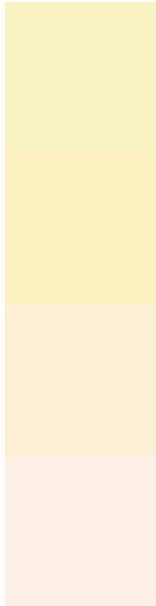
**Protanopia**  
4294963394

**Deuteranopia**  
4294962658



**Tritanopia**  
4294962171

# Trichromacy



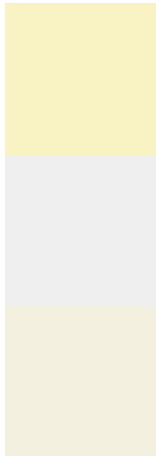
**Original Color**  
4294570690

**Protanomaly**  
4294832578

**Deuteranomaly**  
4294832086

**Tritanomaly**  
4294831846

# Monochromacy



**Original Color**  
4294570690

**Achromatopsia**  
4293914607

**Achromatomaly**  
4294176991

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294570690 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(249, 242, 194)` looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 194)  
}
```

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(249, 242, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 194) }
```

## Border

The CSS property to change the border of an element to Android 4294570690 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(249, 242, 194) }
```

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

```
.border{ border-color:rgb(249, 242, 194) }
```

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

Here you see how a box with a 4 pixel rgb(249, 242, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 242, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 242, 194);  
box-shadow:4px 4px 4px 4px rgb(249, 242,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4294570690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 194) }
```

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

```
.background{ background-color: rgb(249,  
242, 194) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor