

# Converting Colors

Android(4294964140)

Have a look what the booklet for  
Android(4294964140) contains.

<b>Android(4294964140)</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(4294964140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF3AC
RGB	255, 243, 172
RGB Percent	100%, 95%, 67%
CMY	0.0000, 0.0471, 0.3255
CMYK	0.00, 0.05, 0.33, 0.00
HSL	51°, 100%, 84%
HSV	51°, 33%, 100%
XYZ	80.7370, 88.3397, 51.8257
YIQ	238.4940, 29.9430, -19.5370

# Conversions

## Conversions Part 2

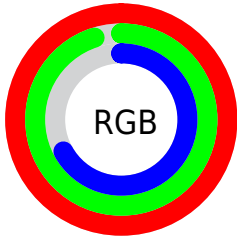
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 255, 172
Decimal	16774060
CIELab	95.30, -6.23, 35.75
CIELCh	95, 36.286, 99.882
Yxy	88.3397, 0.3655, 0.3999
Android (android.graphics.Color)	4294964140 (0xFFFFF3AC)
YUV	238.4940, -32.7815, 14.4758
Hunter-Lab	93.9892, -11.1492, 33.0999

# Details

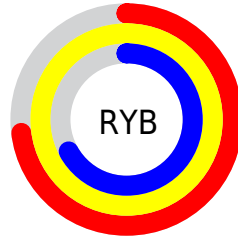
The Android color **4294964140** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **4289509631**, and the grayscale version is **4293914607**.

A 20% lighter version of the original color is **4294967268**, and **4291148663** is the 20% darker color. If you saturate the color by 10%, you get **4294963091**, and if you desaturate by 10%, it is **4294965190**.

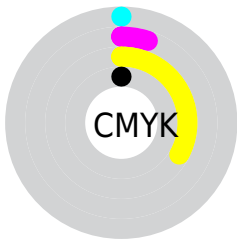
# Distribution



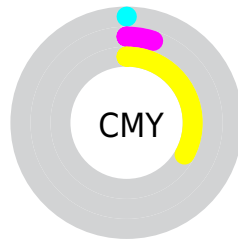
- Red (100%)
- Green (95%)
- Blue (67%)



- Red (73%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294964140 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 4294964140 by changing the saturation by 10% instead.



 4294964140

 4294964140

4294967295

 4293056401

 4294967268

 4291148663

 4289306718

 4287530565

 4285820205

 4284110101

 4282465792

 4280887296

 4279047168

 4294964140

 4294964140

 4294963091

 4294965190

 4294962297

 4294965983

 4294961248

 4294967033

 4294960198

4294967295

 4294959405

 4294958355

 4294957568

# Harmonies

## Analogous

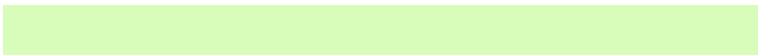
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294961072



4294964140



4292410811

# Triad

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



4294964140



4287037439



4294958079

# Complementary

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



4294964140



4289509631

# 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.



4294960383



4294964140



4289002751

# Square

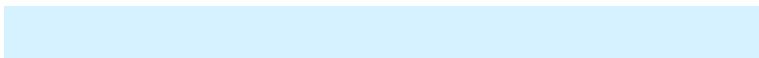
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294964140



4287561724



4292276735



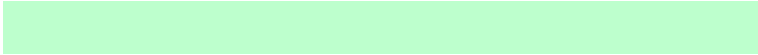
4294957287

# Rectangle

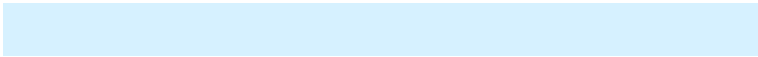
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294964140



4290641869



4292276735



4294958591



# Sweetspot

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



4294964140



4294966246



4294945976



4286610800



4278190080



4286611584

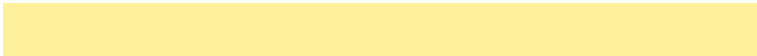


# Same Dimension

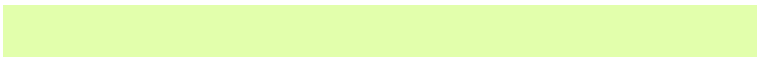
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294964140



4294963612



4293066668



4286611059



4290749440



4282398464



# Inverse Universe

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



4289509631



4288457471



4291407103



4285756800



4278197439

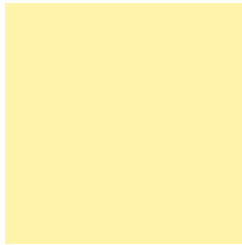


4278192448



# Previews

## White Background



This preview shows how the Android color 4294964140 looks on a white background.

## Color Contrast Check

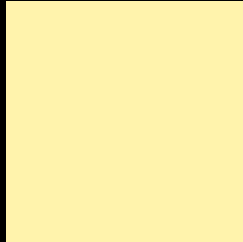
Large Text (above 18pt) WCAG AA × Fail

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 4294964140 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

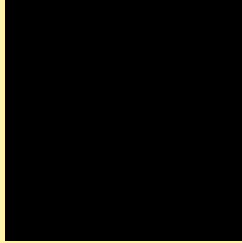
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4294964140 Background



This preview shows how black text looks on a background with the Android color 4294964140.

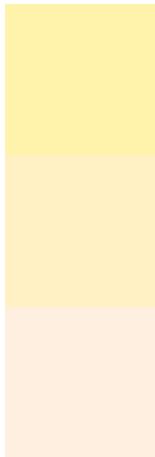


This preview shows how white text looks on a background with the Android color 4294964140.

# 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**  
4294964140

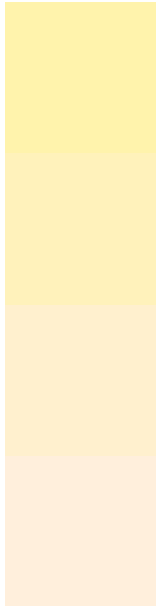
**Protanopia**  
4294963651

**Deuteranopia**  
4294963169



**Tritanopia**  
4294962679

# Trichromacy



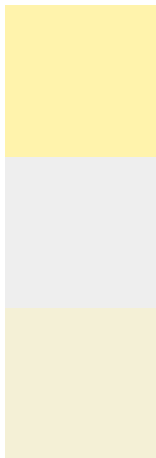
**Original Color**  
4294964140

**Protanomaly**  
4294963899

**Deuteranomaly**  
4294963406

**Tritanomaly**  
4294963164

# Monochromacy



**Original Color**  
4294964140

**Achromatopsia**  
4293848814

**Achromatomaly**  
4294242518

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294964140 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, 243, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 172)  
}
```

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, 243, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 172) }
```

## Border

The CSS property to change the border of an element to Android 4294964140 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, 243, 172) }
```

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

```
.border{ border-color:rgb(255, 243, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
172) }
```

# Background

The CSS property to change the background color of an element to Android 4294964140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 172) }
```

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

```
.background{ background-color: rgb(255,  
243, 172) }
```

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