

# Converting Colors

Android(4294633110)

Have a look what the booklet for  
Android(4294633110) contains.

<b>Android(4294633110)</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(4294633110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAE696
RGB	250, 230, 150
RGB Percent	98%, 90%, 59%
CMY	0.0196, 0.0980, 0.4118
CMYK	0.00, 0.08, 0.40, 0.02
HSL	48°, 91%, 78%
HSV	48°, 40%, 98%
XYZ	73.2262, 79.1196, 40.2663
YIQ	226.8600, 37.6000, -20.6400

# Conversions

## Conversions Part 2

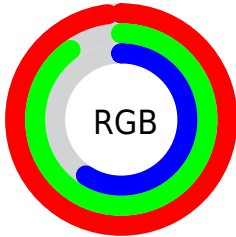
Format	Color
<a href="#">RYB</a>	<a href="#">175, 250, 150</a>
Decimal	<a href="#">16443030</a>
CIELab	<a href="#">91.29, -4.08, 41.42</a>
CIELCh	<a href="#">91, 41.624, 95.630</a>
Yxy	<a href="#">79.1196, 0.3802, 0.4108</a>
Android (android.graphics.Color)	<a href="#">4294633110 (0xFFFAE696)</a>
YUV	<a href="#">226.8600, -37.8920, 20.2938</a>
Hunter-Lab	<a href="#">88.9492, -8.7135, 35.4245</a>

# Details

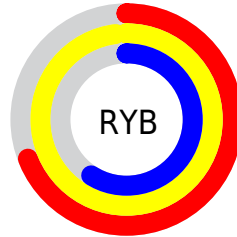
The Android color `4294633110` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4288064250`, and the grayscale version is `4293125091`.

A 20% lighter version of the original color is `4294967245`, and `4290817890` is the 20% darker color. If you saturate the color by 10%, you get `4294631805`, and if you desaturate by 10%, it is `4294634415`.

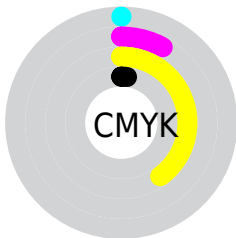
# Distribution



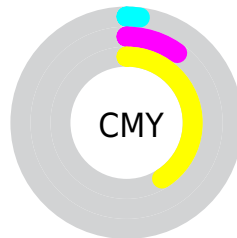
- Red (98%)
- Green (90%)
- Blue (59%)



- Red (69%)
- Yellow (98%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294633110 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 4294633110 by changing the saturation by 10% instead.



 4294633110

 4294633110

4294967295

 4292725372

 4294967245

 4290817890

 4294967274

 4288975945

 4287134256

 4285424151

 4283714048

 4282070016

 4280426240

 4278192128

 4294633110

 4294633110

 4294631805

 4294634415

 4294630500

 4294635720

 4294629195

 4294637025

 4294627890

 4294638330

 4294626585

 4294639615

 4294625280

# Harmonies

## Analogous

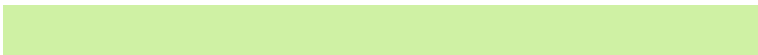
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294957214



4294633110



4291817892

# Triad

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



4294633110



4284152575



4294954495

# Complementary

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



4294633110



4288064250

# 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.



4294302207



4294633110



4286510079

# Square

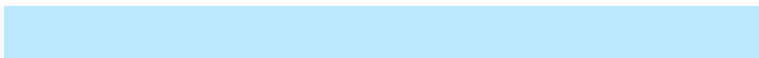
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294633110



4285660396



4290504703



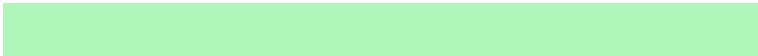
4294953184

# Rectangle

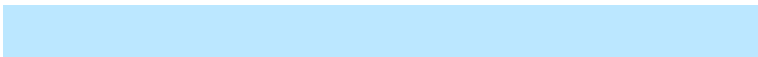
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294633110



4289722296



4290504703



4294955263

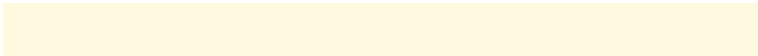


# Sweetspot

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



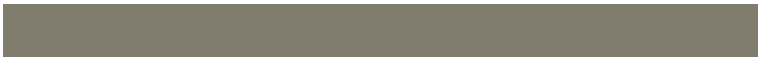
4294633110



4294965728



4294612650



4286610542



4278190080



4286611584



# Same Dimension

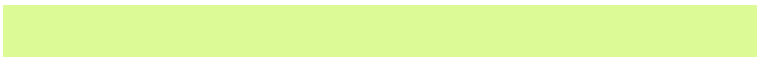
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294633110



4294961029



4292672150



4286413424



4290615040



4282200320



# Inverse Universe

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



4288064250



4286946815



4290025210



4285559677



4278199997



4278193213



# Previews

## White Background



This preview shows how the Android color 4294633110 looks on a white background.

## Color Contrast Check

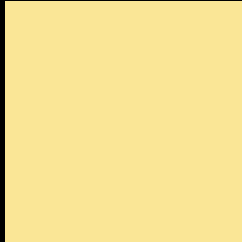
Large Text (above 18pt) WCAG AA × Fail

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 4294633110 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 4294633110 Background



This preview shows how black text looks on a background with the Android color 4294633110.

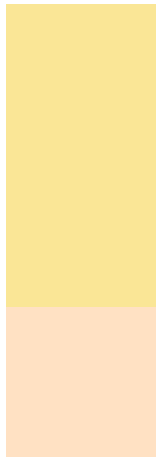


This preview shows how white text looks on a background with the Android color 4294633110.

# 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**  
4294633110

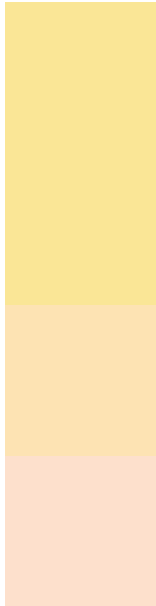
**Protanopia**  
4294633110

**Deuteranopia**  
4294959555



**Tritanopia**  
4294958571

# Trichromacy



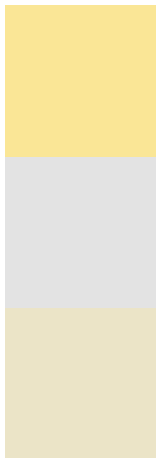
**Original Color**  
4294633110

**Protanomaly**  
4294633110

**Deuteranomaly**  
4294828979

**Tritanomaly**  
4294828236

# Monochromacy



**Original Color**  
4294633110

**Achromatopsia**  
4293125091

**Achromatomaly**  
4293649607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294633110 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(250, 230, 150)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 150)  
}
```

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(250, 230, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 150) }
```

## Border

The CSS property to change the border of an element to Android 4294633110 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(250, 230, 150) }
```

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

```
.border{ border-color:rgb(250, 230, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 150);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
150) }
```

# Background

The CSS property to change the background color of an element to Android 4294633110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 150) }
```

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

```
.background{ background-color: rgb(250,  
230, 150) }
```

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