

# Converting Colors

Android(4294566043)

Have a look what the booklet for  
Android(4294566043) contains.

<b>Android(4294566043)</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(4294566043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9E09B
RGB	249, 224, 155
RGB Percent	98%, 88%, 61%
CMY	0.0235, 0.1216, 0.3922
CMYK	0.00, 0.10, 0.38, 0.02
HSL	44°, 89%, 79%
HSV	44°, 38%, 98%
XYZ	71.6390, 75.8176, 41.8688
YIQ	223.6090, 37.0490, -16.1590

# Conversions

## Conversions Part 2

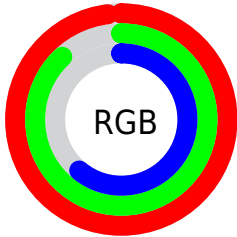
Format	Color
<b>RYB</b>	189, 249, 155
Decimal	16375963
CIELab	89.77, -0.89, 36.93
CIELCh	90, 36.944, 91.388
Yxy	75.8176, 0.3784, 0.4005
Android (android.graphics.Color)	4294566043 (0xFFFF9E09B)
YUV	223.6090, -33.8242, 22.2679
Hunter-Lab	87.0733, -5.5186, 32.4420

# Details

The Android color `4294566043` is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be `4288394489`, and the grayscale version is `4292927712`.

A 20% lighter version of the original color is `4294967250`, and `4290750823` is the 20% darker color. If you saturate the color by 10%, you get `4294564226`, and if you desaturate by 10%, it is `4294567860`.

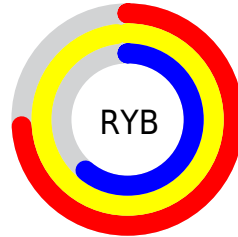
# Distribution



Red (98%)

Green (88%)

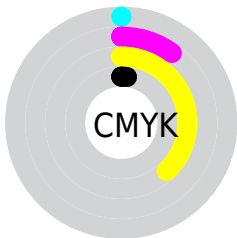
Blue (61%)



Red (74%)

Yellow (98%)

Blue (61%)

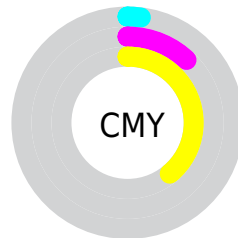


Cyan (0%)

Magenta (10%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294566043 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 4294566043 by changing the saturation by 10% instead.





4294566043



4294566043

4294967295



4292658305



4294967250



4290750823



4294967279



4288909134



4287132982



4285357342



4283647236



4282068736



4280425216



4278190080

 4294566043

 4294566043

 4294564226

 4294567860

 4294562665

 4294569421

 4294560848

 4294571238

 4294559287

 4294572799

 4294557470

 4294574079

 4294555654

 4294555392

# Harmonies

## Analogous

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



4294956197



4294566043



4292078501

# Triad

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



4294566043



4285592831



4294954495

# Complementary

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



4294566043



4288394489

# 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.



4293515519



4294566043



4286967551

# Square

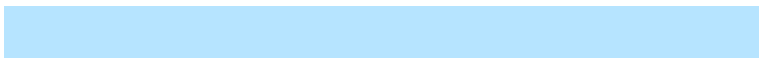
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294566043



4286903778



4290176255



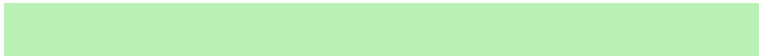
4294952929

# Rectangle

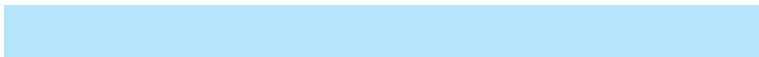
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294566043



4290310325



4290176255



4294955263



# Sweetspot

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



4294566043



4294965475



4294548404



4286610287



4278190080



4286611584



# Same Dimension

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



4294566043



4294959244



4293130651



4286413424



4290611968



4282199296



# Inverse Universe

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



4288394489



4287409151



4289829881



4285559933



4278203069



4278194237



# Previews

## White Background



This preview shows how the Android color 4294566043 looks on a white background.

## Color Contrast Check

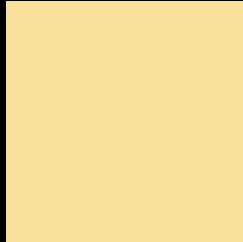
Large Text (above 18pt) WCAG AA × Fail

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 4294566043 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 4294566043 Background



This preview shows how black text looks on a background with the Android color 4294566043.




This preview shows how white text looks on a background with the Android color 4294566043.

# 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](#).

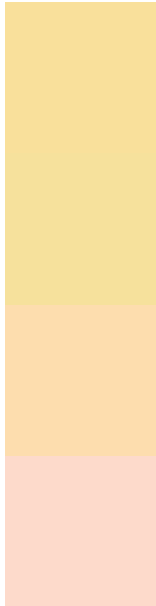
## Dichromacy





**Tritanopia**  
4294957031

# Trichromacy



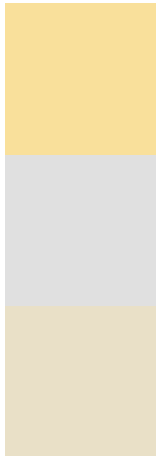
**Original Color**  
4294566043

**Protanomaly**  
4294369692

**Deuteranomaly**  
4294827438

**Tritanomaly**  
4294826699

# Monochromacy



**Original Color**  
4294566043

**Achromatopsia**  
4292927712

**Achromatomaly**  
4293517511

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294566043 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, 224, 155)` looks like.

```
.text, #text, p{  
    color:rgb(249, 224, 155)  
}
```

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, 224, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 224, 155) }
```

## Border

The CSS property to change the border of an element to Android 4294566043 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, 224, 155) }
```

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

```
.border{ border-color:rgb(249, 224, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 224, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 224, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 224, 155);  
box-shadow:4px 4px 4px 4px rgb(249, 224,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4294566043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 224, 155) }
```

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

```
.background{ background-color: rgb(249,  
224, 155) }
```

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