

# Converting Colors

Android(4294566557)

Have a look what the booklet for  
Android(4294566557) contains.

<b>Android(4294566557)</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(4294566557)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9E29D
RGB	249, 226, 157
RGB Percent	98%, 89%, 62%
CMY	0.0235, 0.1137, 0.3843
CMYK	0.00, 0.09, 0.37, 0.02
HSL	45°, 88%, 80%
HSV	45°, 37%, 98%
XYZ	72.3491, 76.9668, 42.9412
YIQ	225.0110, 35.8570, -16.5830

# Conversions

## Conversions Part 2

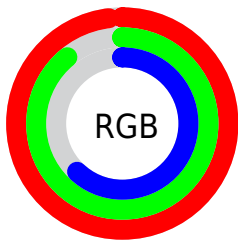
Format	Color
<a href="#">RYB</a>	<a href="#">188, 249, 157</a>
Decimal	<a href="#">16376477</a>
CIELab	<a href="#">90.31, -1.69, 36.62</a>
CIELCh	<a href="#">90, 36.658, 92.639</a>
Yxy	<a href="#">76.9668, 0.3763, 0.4003</a>
Android (android.graphics.Color)	<a href="#">4294566557</a> ( <a href="#">0xFFFF9E29D</a> )
YUV	<a href="#">225.0110, -33.5294, 21.0384</a>
Hunter-Lab	<a href="#">87.7307, -6.3247, 32.3911</a>

# Details

The Android color `4294566557` is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be `4288525561`, and the grayscale version is `4292993505`.

A 20% lighter version of the original color is `4294967252`, and `4290751337` is the 20% darker color. If you saturate the color by 10%, you get `4294564996`, and if you desaturate by 10%, it is `4294568118`.

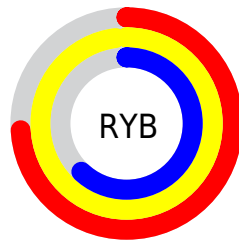
# Distribution



Red (98%)

Green (89%)

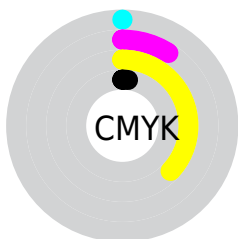
Blue (62%)



Red (74%)

Yellow (98%)

Blue (62%)

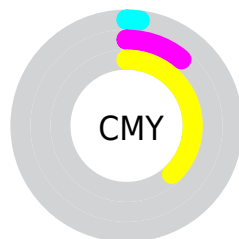


Cyan (0%)

Magenta (9%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294566557 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 4294566557 by changing the saturation by 10% instead.





4294566557



4294566557

4294967295



4292658818



4294967252



4290751337



4294967281



4288909392



4287133496



4285357600



4283713286



4282069248



4280491008



4278190592

 4294566557

 4294566557

 4294564996

 4294568118

 4294563435

 4294569679

 4294561618

 4294571496

 4294560057

 4294573055

 4294558497

 4294574079

 4294556936

 4294556416

# Harmonies

## Analogous

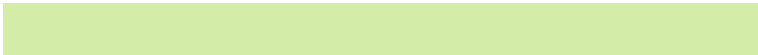
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294956710



4294566557



4292078759

# Triad

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



4294566557



4285789695



4294954751

# Complementary

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



4294566557



4288525561

# 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.



4293712383



4294566557



4287295487

# Square

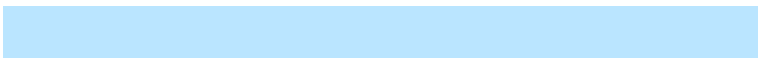
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294566557



4286969829



4290438655



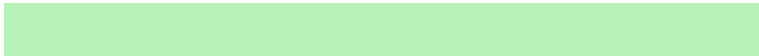
4294953441

# Rectangle

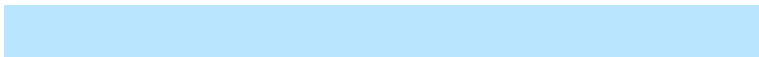
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294566557



4290310840



4290438655



4294955519



# Sweetspot

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



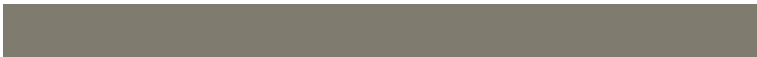
4294566557



4294965475



4294548916



4286610287



4278190080



4286611584



# Same Dimension

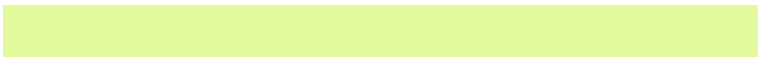
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294566557



4294960015



4293065117



4286413424



4290612736



4282199552



# Inverse Universe

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



4288525561



4287605759



4290027001



4285559933



4278202301



4278193981



# Previews

## White Background



This preview shows how the Android color 4294566557 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 4294566557 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 4294566557 Background



This preview shows how black text looks on a background with the Android color 4294566557.



This preview shows how white text looks on a background with the Android color 4294566557.

# 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**  
4294566557

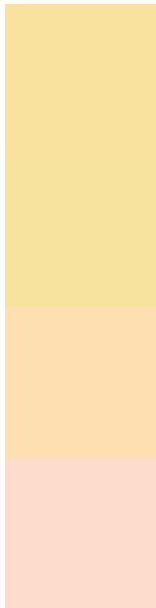
**Protanopia**  
4294370205

**Deuteranopia**  
4294958525



**Tritanopia**  
4294957545

# Trichromacy



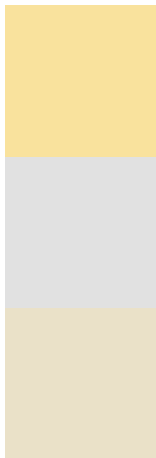
**Original Color**  
4294566557

**Protanomaly**  
4294435741

**Deuteranomaly**  
4294827953

**Tritanomaly**  
4294827213

# Monochromacy



**Original Color**  
4294566557

**Achromatopsia**  
4292993505

**Achromatomaly**  
4293583304

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294566557 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, 226, 157)` looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 157)  
}
```

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, 226, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 157) }
```

## Border

The CSS property to change the border of an element to Android 4294566557 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, 226, 157) }
```

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

```
.border{ border-color:rgb(249, 226, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 226, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 157);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4294566557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 157) }
```

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

```
.background{ background-color: rgb(249,  
226, 157) }
```

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