

# Converting Colors

Android(4294957500)

Have a look what the booklet for  
Android(4294957500) contains.

<b>Android(4294957500)</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(4294957500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD9BC
RGB	255, 217, 188
RGB Percent	100%, 85%, 74%
CMY	0.0000, 0.1490, 0.2627
CMYK	0.00, 0.15, 0.26, 0.00
HSL	26°, 100%, 87%
HSV	26°, 26%, 100%
XYZ	75.1300, 74.5165, 58.0003
YIQ	225.0560, 31.9570, -0.9630

# Conversions

## Conversions Part 2

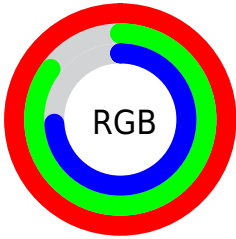
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 239, 188
Decimal	16767420
CIE Lab	89.17, 9.00, 19.19
CIE LCh	89, 21.201, 64.872
Yxy	74.5165, 0.3618, 0.3589
Android (android.graphics.Color)	4294957500 (0xFFFFD9BC)
YUV	225.0560, -18.2686, 26.2609
Hunter-Lab	86.3230, 4.2897, 20.5892

# Details

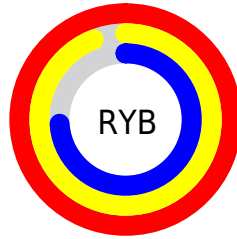
The Android color `4294957500` is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be `4290568959`, and the grayscale version is `4292993505`.

A 20% lighter version of the original color is `4294967284`, and `4291142279` is the 20% darker color. If you saturate the color by 10%, you get `4294953891`, and if you desaturate by 10%, it is `4294961110`.

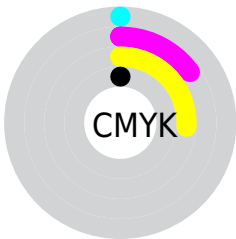
# Distribution



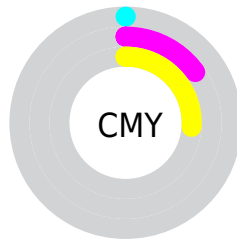
- Red (100%)
- Green (85%)
- Blue (74%)



- Red (100%)
- Yellow (94%)
- Blue (74%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (0%)















- Cyan (0%)
- Magenta (15%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294957500 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 4294957500 by changing the saturation by 10% instead.



 4294957500	 4294957500
4294967295	 4293049761
 4294967284	 4291142279
	 4289366125
	 4287590229
	 4285814333
	 4284170023
	 4282525971
	 4281013248
	 4279107584

4294957500

4294957500

4294953891

4294961110

4294950025

4294964975

4294946416

4294967295

4294942550

4294938941

4294935075

4294931466

4294929920

# Harmonies

## Analogous

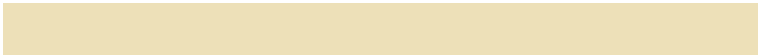
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294956234



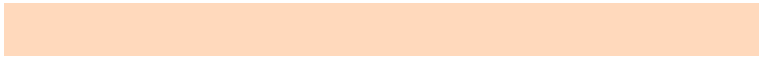
4294957500



4293779640

# Triad

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



4294957500



4289719523



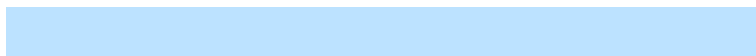
4293450495

# Complementary

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



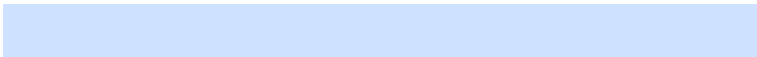
4294957500



4290568959

# 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.



4291748351



4294957500



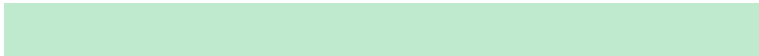
4289391606

# Square

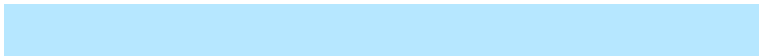
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294957500



4290767566



4290177023



4294825202

# Rectangle

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



4294957500



4292797627



4290177023



4292861183



# Sweetspot

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



4294957500



4294964203



4294950115



4286609523



4278190080



4286611584



# Same Dimension

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



4294957500



4294955437



4294965692



4286609523



4290728704

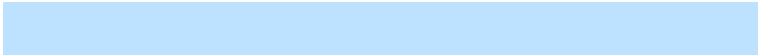


4282391552

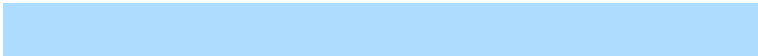


# Inverse Universe

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



4290568959



4289584383



4290560767



4285758080



4278217919

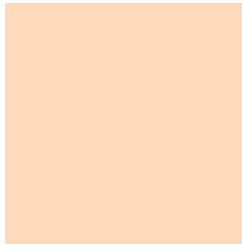


4278199360



# Previews

## White Background



This preview shows how the Android color 4294957500 looks on a white background.

## Color Contrast Check

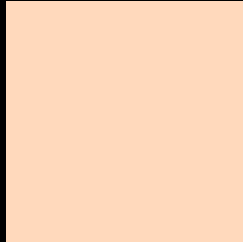
Large Text (above 18pt) WCAG AA × Fail

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 4294957500 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 4294957500 Background



This preview shows how black text looks on a background with the Android color 4294957500.




This preview shows how white text looks on a background with the Android color 4294957500.

# 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](#).

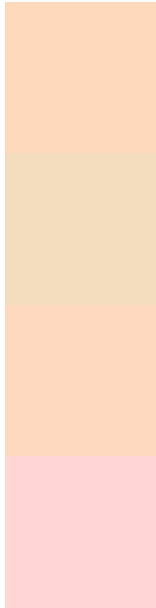
## Dichromacy

	<b>Original Color</b> 4294957500
	<b>Protanopia</b> 4293714111
	<b>Deuteranopia</b> 4294957505



**Tritanopia**  
4294956515

# Trichromacy



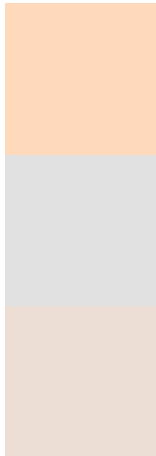
**Original Color**  
4294957500

**Protanomaly**  
4294172094

**Deuteranomaly**  
4294957503

**Tritanomaly**  
4294956757

# Monochromacy



**Original Color**  
4294957500

**Achromatopsia**  
4292993505

**Achromatomaly**  
4293713620

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294957500 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, 217, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 188)  
}
```

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, 217, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 188) }
```

## Border

The CSS property to change the border of an element to Android 4294957500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

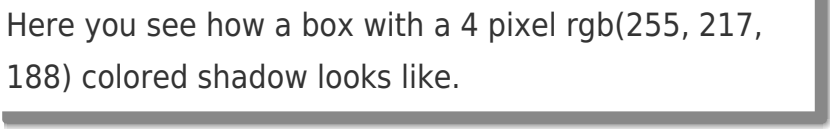
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 188) }
```

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

```
.border{ border-color:rgb(255, 217, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 217, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 188); box-shadow:4px 4px 4px 4px rgb(255, 217, 188) }
```

# Background

The CSS property to change the background color of an element to Android 4294957500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 188) }
```

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

```
.background{ background-color: rgb(255,  
217, 188) }
```

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