

# Converting Colors

Android(4293316018)

Have a look what the booklet for  
Android(4293316018) contains.

<b>Android(4293316018)</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(4293316018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6CDB2
RGB	230, 205, 178
RGB Percent	90%, 80%, 70%
CMY	0.0980, 0.1961, 0.3020
CMYK	0.00, 0.11, 0.23, 0.10
HSL	31°, 51%, 80%
HSV	31°, 23%, 90%
XYZ	62.5003, 63.7000, 51.1207
YIQ	209.3970, 23.5670, -3.0970

# Conversions

## Conversions Part 2

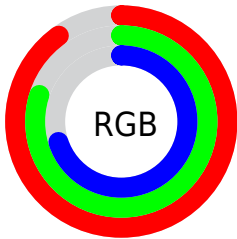
Format	Color
<a href="#">RYB</a>	<a href="#">226, 230, 178</a>
Decimal	<a href="#">15125938</a>
CIELab	<a href="#">83.81, 4.58, 16.64</a>
CIELCh	<a href="#">84, 17.260, 74.603</a>
Yxy	<a href="#">63.7000, 0.3525, 0.3592</a>
Android (android.graphics.Color)	<a href="#">4293316018 (0xFFE6CDB2)</a>
YUV	<a href="#">209.3970, -15.4787, 18.0688</a>
Hunter-Lab	<a href="#">79.8123, 0.1104, 17.8927</a>

# Details

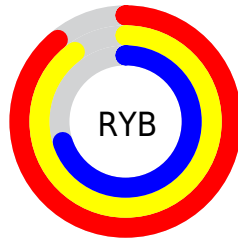
The Android color `4293316018` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289907686`, and the grayscale version is `4292006610`.

A 20% lighter version of the original color is `4294967274`, and `4289632125` is the 20% darker color. If you saturate the color by 10%, you get `4293313179`, and if you desaturate by 10%, it is `4293318857`.

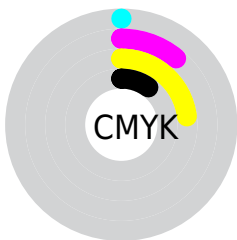
# Distribution



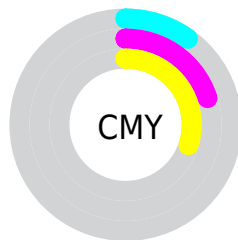
- Red (90%)
- Green (80%)
- Blue (70%)



- Red (89%)
- Yellow (90%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293316018 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 4293316018 by changing the saturation by 10% instead.



 4293316018

 4293316018

4294967295

 4291474071

 4294967274

 4289632125

 4287855972

 4286145612

 4284435509

 4282856992

 4281344009

 4279896576

 4278190080

 4293316018

 4293316018

 4293313179

 4293318857

 4293310340

 4293321696

 4293307501

 4293324535

 4293304662

 4293327359

 4293301823

 4293328895

 4293298984

 4293296145

 4293293824

# Harmonies

## Analogous

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



4294035643



4293316018



4292268722

# Triad

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



4293316018



4289256408



4292791016

# Complementary

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



4293316018



4289907686

# 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.



4291416304



4293316018



4289321447

# Square

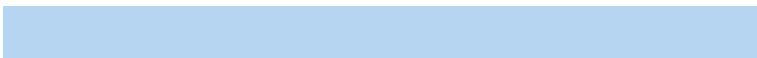
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4293316018



4289911496



4290106864



4293773274

# Rectangle

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



4293316018



4291417782



4290106864



4292332780

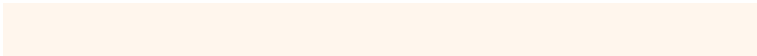


# Sweetspot

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



4293316018



4294964973



4293309131



4286610293



4278190080



4286611584

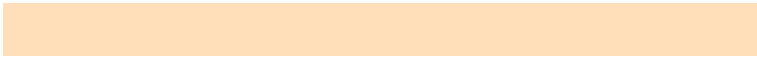


# Same Dimension

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



4293316018



4294958778



4293256882



4285754727



4289944832



4281539072

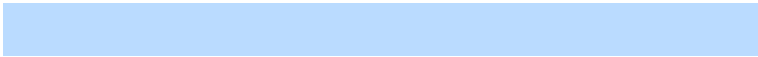


# Inverse Universe

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



4289907686



4290436095



4289966822



4284968307



4278212275

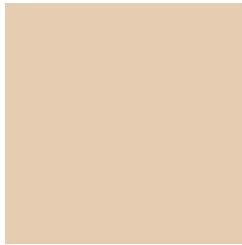


4278196531



# Previews

## White Background



This preview shows how the Android color 4293316018 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 4293316018 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

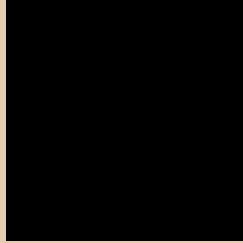
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4293316018 Background



This preview shows how black text looks on a background with the Android color 4293316018.




This preview shows how white text looks on a background with the Android color 4293316018.

# 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](#).

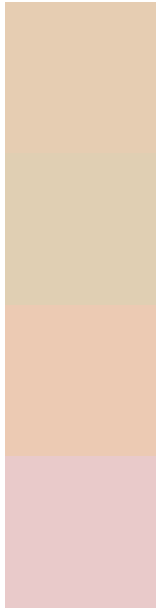
## Dichromacy





**Tritanopia**  
4293642455

# Trichromacy



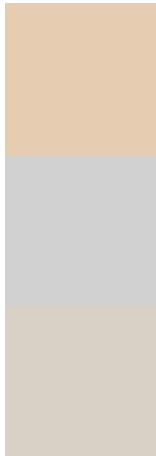
**Original Color**  
4293316018

**Protanomaly**  
4292923315

**Deuteranomaly**  
4293708467

**Tritanomaly**  
4293511882

# Monochromacy



**Original Color**  
4293316018

**Achromatopsia**  
4291940817

**Achromatomaly**  
4292464838

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293316018 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(230, 205, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 205, 178)  
}
```

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(230, 205, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 205, 178) }
```

## Border

The CSS property to change the border of an element to Android 4293316018 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(230, 205, 178) }
```

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

```
.border{ border-color:rgb(230, 205, 178) }
```

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

Here you see how a box with a 4 pixel rgb(230, 205, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 205, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 205, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 205,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4293316018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 205, 178) }
```

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

```
.background{ background-color: rgb(230,  
205, 178) }
```

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