

# Converting Colors

Android(4293844417)

Have a look what the booklet for  
Android(4293844417) contains.

<b>Android(4293844417)</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(4293844417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEDDC1
RGB	238, 221, 193
RGB Percent	93%, 87%, 76%
CMY	0.0667, 0.1333, 0.2431
CMYK	0.00, 0.07, 0.19, 0.07
HSL	37°, 57%, 85%
HSV	37°, 19%, 93%
XYZ	70.7420, 73.7403, 60.9569
YIQ	222.8910, 19.1200, -5.1040

# Conversions

## Conversions Part 2

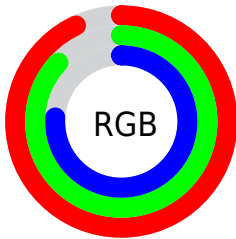
Format	Color
<a href="#">RYB</a>	<a href="#">220, 238, 193</a>
Decimal	<a href="#">15654337</a>
CIELab	<a href="#">88.80, 1.40, 15.85</a>
CIELCh	<a href="#">89, 15.915, 84.951</a>
Yxy	<a href="#">73.7403, 0.3443, 0.3589</a>
Android (android.graphics.Color)	<a href="#">4293844417</a> ( <a href="#">0xFFEEDDC1</a> )
YUV	<a href="#">222.8910, -14.7363, 13.2506</a>
Hunter-Lab	<a href="#">85.8722, -3.2270, 18.0232</a>

# Details

The Android color `4293844417` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4290892526`, and the grayscale version is `4292861919`.

A 20% lighter version of the original color is `4294967289`, and `4290160267` is the 20% darker color. If you saturate the color by 10%, you get `4293842089`, and if you desaturate by 10%, it is `4293846745`.

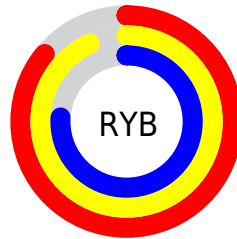
# Distribution



Red (93%)

Green (87%)

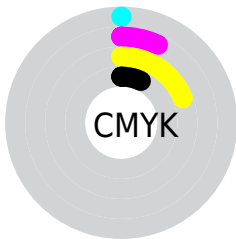
Blue (76%)



Red (86%)

Yellow (93%)

Blue (76%)

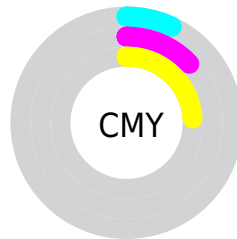


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293844417 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 4293844417 by changing the saturation by 10% instead.





4293844417



4293844417

4294967295



4292002214



4294967289



4290160267



4288384114



4286607961



4284963394



4283318827



4281805847



4280424448



4278190080

 4293844417

 4293844417

 4293842089

 4293846745

 4293839761

 4293849073

 4293837434

 4293851391

 4293835106

 4293853183

 4293832778

 4293830450

 4293828122

 4293825795

 4293825536

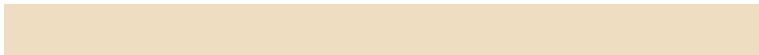
# Harmonies

## Analogous

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



4294629575



4293844417



4292731587

# Triad

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



4293844417



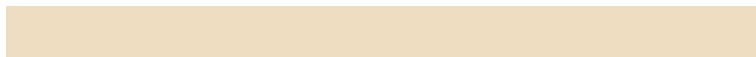
4290308331



4294039537

# Complementary

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



4293844417



4290892526

# 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.



4292861178



4293844417



4290635255

# Square

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



4293844417



4290701532



4291617277



4294759906

# Rectangle

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



4293844417



4292011465



4291617277



4293646837



# Sweetspot

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



4293844417



4294965744



4293837266



4286610551



4278190080



4286611584

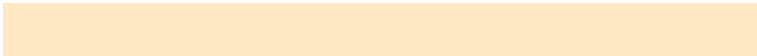


# Same Dimension

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



4293844417



4294961604



4293521089



4286083948



4290277888



4281869056



# Inverse Universe

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



4290892526



4291091455



4291215854



4285296760



4278207928

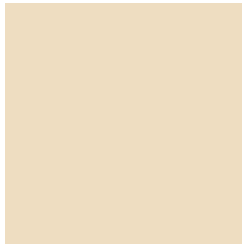


4278195512



# Previews

## White Background



This preview shows how the Android color 4293844417 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 4293844417 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

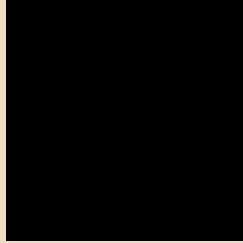
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

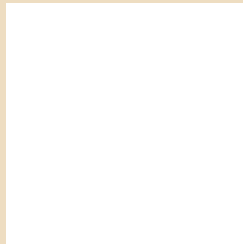
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4293844417 Background



This preview shows how black text looks on a background with the Android color 4293844417.

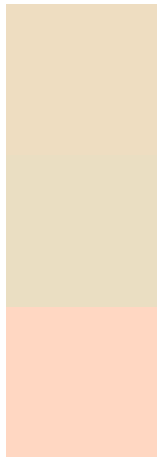


This preview shows how white text looks on a background with the Android color 4293844417.

# 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**  
4293844417

**Protanopia**  
4293582530

**Deuteranopia**  
4294956994



**Tritanopia**  
4294170600

# Trichromacy



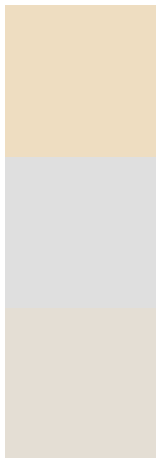
**Original Color**  
4293844417

**Protanomaly**  
4293648066

**Deuteranomaly**  
4294564290

**Tritanomaly**  
4294040026

# Monochromacy



**Original Color**  
4293844417

**Achromatopsia**  
4292861919

**Achromatomaly**  
4293189332

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293844417 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(238, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 193)  
}
```

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(238, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 193) }
```

## Border

The CSS property to change the border of an element to Android 4293844417 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(238, 221, 193) }
```

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

```
.border{ border-color:rgb(238, 221, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 221, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 221, 193); box-shadow:4px 4px 4px 4px rgb(238, 221, 193) }
```

# Background

The CSS property to change the background color of an element to Android 4293844417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 193) }
```

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

```
.background{ background-color: rgb(238,  
221, 193) }
```

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