

# Converting Colors

Android(4293708416)

Have a look what the booklet for  
Android(4293708416) contains.

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# **Color**

**Android(4293708416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECCA80
RGB	236, 202, 128
RGB Percent	93%, 79%, 50%
CMY	0.0745, 0.2078, 0.4980
CMYK	0.00, 0.14, 0.46, 0.07
HSL	41°, 74%, 71%
HSV	41°, 46%, 93%
XYZ	59.6089, 61.6324, 29.1766
YIQ	203.7300, 44.0180, -15.8060

# Conversions

## Conversions Part 2

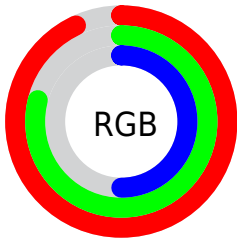
Format	Color
<a href="#">RYB</a>	<a href="#">178, 236, 128</a>
Decimal	<a href="#">15518336</a>
CIELab	<a href="#">82.72, 2.48, 41.26</a>
CIELCh	<a href="#">83, 41.337, 86.564</a>
Yxy	<a href="#">61.6324, 0.3963, 0.4097</a>
Android (android.graphics.Color)	<a href="#">4293708416</a> ( <a href="#">0xFFECCA80</a> )
YUV	<a href="#">203.7300, -37.3349, 28.3008</a>
Hunter-Lab	<a href="#">78.5063, -1.8532, 32.9195</a>

# Details

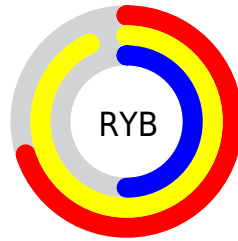
The Android color `4293708416` is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be `4286620396`, and the grayscale version is `4291611852`.

A 20% lighter version of the original color is `4294967222`, and `4289893453` is the 20% darker color. If you saturate the color by 10%, you get `4293706600`, and if you desaturate by 10%, it is `4293710232`.

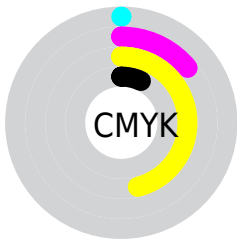
# Distribution



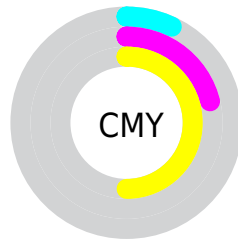
- Red (93%)
- Green (79%)
- Blue (50%)



- Red (70%)
- Yellow (93%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293708416 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 4293708416 by changing the saturation by 10% instead.



 4293708416

 4293708416

4294967295

 4291800934

 4294967222

 4289893453

 4294967250


 4288051765

 4294967278

 4286276124

 4284500481

 4282856448

 4281147136

 4279437312

 4278190080

 4293708416

 4293708416

 4293706600

 4293710232

 4293704529

 4293712303

 4293702713

 4293714119

 4293700642

 4293716190

 4293698826

 4293718006

 4293698048

 4293720063

 4293721855

 4293722111

# Harmonies

## Analogous

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



4294950286



4293708416



4291090055

# Triad

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



4293708416



4282049263



4294686969

# Complementary

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



4293708416



4286620396

# 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.



4291610111



4293708416



4283489791

# Square

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



4293708416



4284867528



4287615999



4294947028

# Rectangle

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



4293708416



4289125527



4287615999



4293770495



# Sweetspot

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



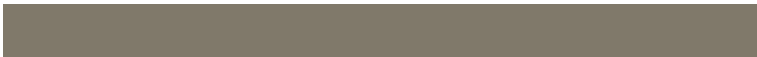
4293708416



4294964443



4293689506



4286609770



4278190080



4286611584



# Same Dimension

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



4293708416



4294955891



4292406400



4285887082



4290083840



4281738496



# Inverse Universe

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



4286620396



4285767679



4287922412



4285164917



4278204853

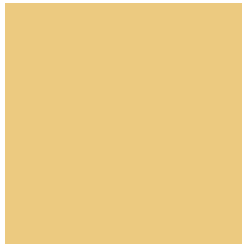


4278194486



# Previews

## White Background



This preview shows how the Android color 4293708416 looks on a white background.

## Color Contrast Check

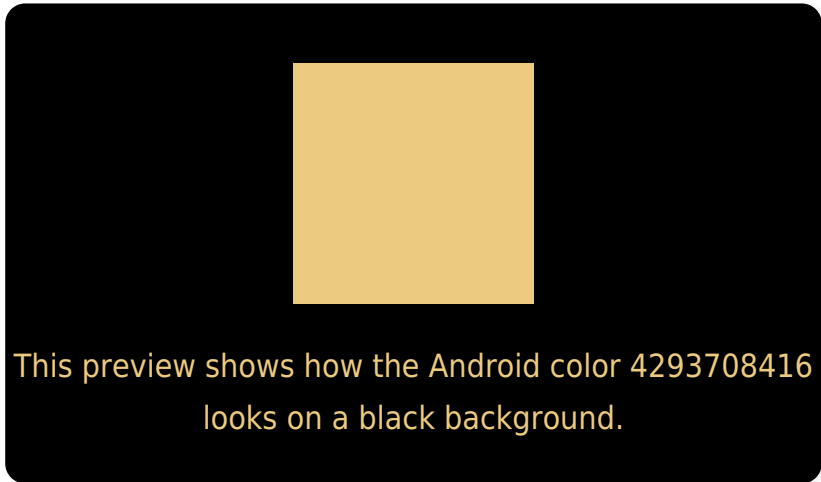
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4293708416 Background



This preview shows how black text looks on a background with the Android color 4293708416.



This preview shows how white text looks on a background with the Android color 4293708416.

# 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**  
4293708416

**Protanopia**  
4292988546

**Deuteranopia**  
4294559105



**Tritanopia**  
4294230223

# Trichromacy



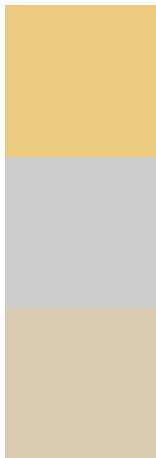
**Original Color**  
4293708416

**Protanomaly**  
4293250433

**Deuteranomaly**  
4294231937

**Tritanomaly**  
4294034610

# Monochromacy



**Original Color**  
4293708416

**Achromatopsia**  
4291611852

**Achromatomaly**  
4292398000

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293708416 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(236, 202, 128)` looks like.

```
.text, #text, p{  
    color:rgb(236, 202, 128)  
}
```

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(236, 202, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 202, 128) }
```

## Border

The CSS property to change the border of an element to Android 4293708416 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(236, 202, 128) }
```

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

```
.border{ border-color:rgb(236, 202, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 202, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 202, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 202, 128);  
box-shadow:4px 4px 4px 4px rgb(236, 202,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4293708416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 202, 128) }
```

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

```
.background{ background-color: rgb(236,  
202, 128) }
```

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](#).



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