

# Converting Colors

Android(4294108070)

Have a look what the booklet for  
Android(4294108070) contains.

<b>Android(4294108070)</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(4294108070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E3A6
RGB	242, 227, 166
RGB Percent	95%, 89%, 65%
CMY	0.0510, 0.1098, 0.3490
CMYK	0.00, 0.06, 0.31, 0.05
HSL	48°, 75%, 80%
HSV	48°, 31%, 95%
XYZ	70.9700, 76.5686, 47.1151
YIQ	224.5310, 28.5210, -15.7910

# Conversions

## Conversions Part 2

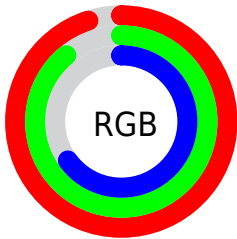
Format	Color
<a href="#">RYB</a>	<a href="#">185, 242, 166</a>
Decimal	<a href="#">15917990</a>
CIELab	<a href="#">90.12, -3.82, 31.70</a>
CIELCh	<a href="#">90, 31.925, 96.865</a>
Yxy	<a href="#">76.5686, 0.3646, 0.3934</a>
Android (android.graphics.Color)	<a href="#">4294108070 (0xFFFF2E3A6)</a>
YUV	<a href="#">224.5310, -28.8558, 15.3203</a>
Hunter-Lab	<a href="#">87.5035, -8.3581, 29.3285</a>

# Details

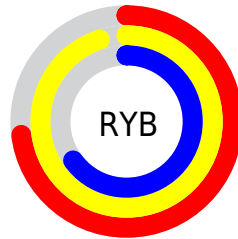
The Android color `4294108070` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289115634`, and the grayscale version is `4292993505`.

A 20% lighter version of the original color is `4294967261`, and `4290358386` is the 20% darker color. If you saturate the color by 10%, you get `4294106766`, and if you desaturate by 10%, it is `4294109374`.

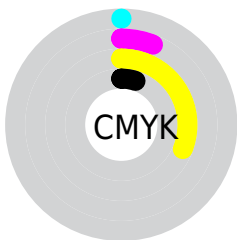
# Distribution



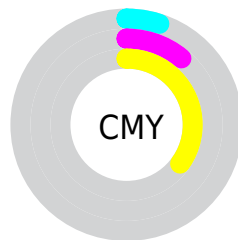
- Red (95%)
- Green (89%)
- Blue (65%)



- Red (73%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294108070 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 4294108070 by changing the saturation by 10% instead.



 4294108070

 4294108070

4294967295

 4292200331

 4294967261

 4290358386

 4294967290

 4288516440

 4286806080

 4285030185

 4283385874

 4281872640

 4280294400

 4278190336

 4294108070

 4294108070

 4294106766

 4294109374

 4294105462

 4294110678

 4294104413

 4294111727

 4294103109

 4294113023

 4294101805

 4294114303

 4294100501

 4294115327

 4294099456

# Harmonies

## Analogous

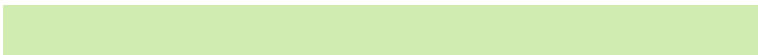
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294957483



4294108070



4291882161

# Triad

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



4294108070



4287165183



4294955259

# Complementary

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



4294108070



4289115634

# 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.



4293974271



4294108070



4288605439

# Square

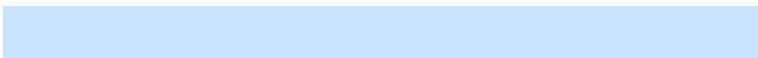
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294108070



4287755497



4291290111



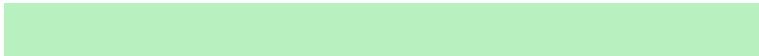
4294954205

# Rectangle

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



4294108070



4290375872



4291290111



4294955775



# Sweetspot

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



4294108070



4294965992



4294092469



4286610801



4278190080



4286611584



# Same Dimension

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



4294108070



4294962334



4292604582



4286084460



4290286336



4281871616



# Inverse Universe

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



4289115634



4288590335



4290619122



4285296248



4278199480

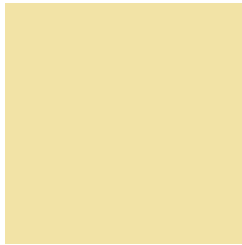


4278192952



# Previews

## White Background



This preview shows how the Android color 4294108070 looks on a white background.

## Color Contrast Check

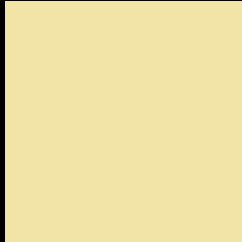
Large Text (above 18pt) WCAG AA × Fail

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 4294108070 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 4294108070 Background



This preview shows how black text looks on a background with the Android color 4294108070.

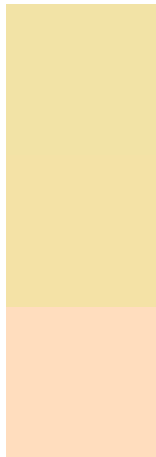


This preview shows how white text looks on a background with the Android color 4294108070.

# 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**  
4294108070

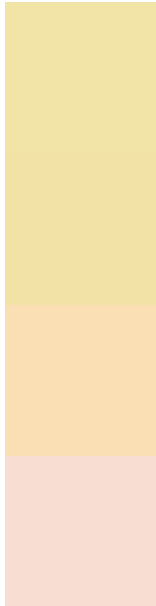
**Protanopia**  
4294238886

**Deuteranopia**  
4294958526



**Tritanopia**  
4294630123

# Trichromacy



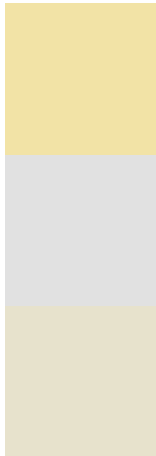
**Original Color**  
4294108070

**Protanomaly**  
4294173350

**Deuteranomaly**  
4294631349

**Tritanomaly**  
4294434258

# Monochromacy



**Original Color**  
4294108070

**Achromatopsia**  
4292993505

**Achromatomaly**  
4293386956

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294108070 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(242, 227, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 227, 166)  
}
```

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(242, 227, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 227, 166) }
```

## Border

The CSS property to change the border of an element to Android 4294108070 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(242, 227, 166) }
```

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

```
.border{ border-color:rgb(242, 227, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 227, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 227, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 227, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 227,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4294108070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 227, 166) }
```

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

```
.background{ background-color: rgb(242,  
227, 166) }
```

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