

# Converting Colors

Android(4294962892)

Have a look what the booklet for  
Android(4294962892) contains.

<b>Android(4294962892)</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(4294962892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEECC
RGB	255, 238, 204
RGB Percent	100%, 93%, 80%
CMY	0.0000, 0.0667, 0.2000
CMYK	0.00, 0.07, 0.20, 0.00
HSL	40°, 100%, 90%
HSV	40°, 20%, 100%
XYZ	82.7136, 86.7687, 69.5153
YIQ	239.2070, 21.0460, -6.9700

# Conversions

## Conversions Part 2

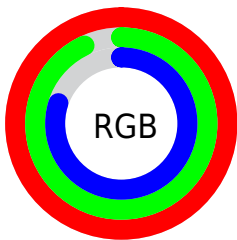
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 255, 204
Decimal	16772812
CIE Lab	94.64, 0.47, 18.54
CIE LCh	95, 18.550, 88.557
Yxy	86.7687, 0.3461, 0.3631
Android (android.graphics.Color)	4294962892 (0xFFFFEECC)
YUV	239.2070, -17.3571, 13.8505
Hunter-Lab	93.1497, -4.5104, 20.9582

# Details

The Android color `4294962892` is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be `4291616255`, and the grayscale version is `4293914607`.

A 20% lighter version of the original color is `4294967295`, and `4291212950` is the 20% darker color. If you saturate the color by 10%, you get `4294960819`, and if you desaturate by 10%, it is `4294965222`.

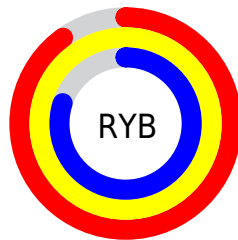
# Distribution



Red (100%)

Green (93%)

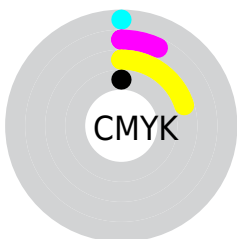
Blue (80%)



Red (90%)

Yellow (100%)

Blue (80%)

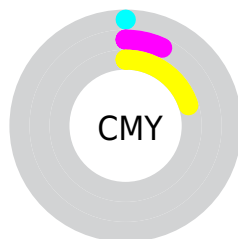


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294962892 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 4294962892 by changing the saturation by 10% instead.



 4294962892

 4294962892

4294967295

 4293055153

 4291212950

 4289371004

 4287660387

 4285950027

 4284239924

 4282661150

 4281148423

 4279701248

 4294962892

 4294962892

 4294960819

 4294965222

 4294958489

4294967295

 4294956160

 4294954086

 4294951757

 4294949683

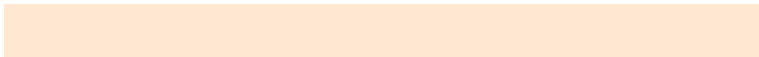
 4294947609

 4294945280

# Harmonies

## Analogous

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



4294961362



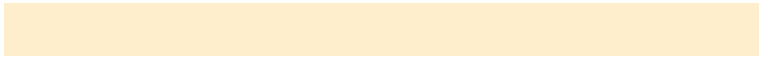
4294962892



4293653712

# Triad

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



4294962892



4290902783



4294960895

# Complementary

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



4294962892



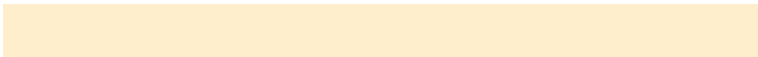
4291616255

# Split Complementary

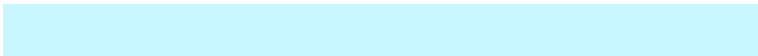
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294110207



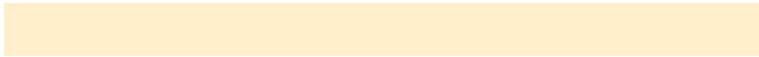
4294962892



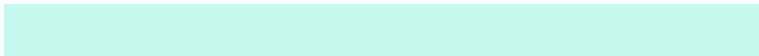
4291426303

# Square

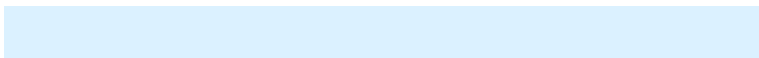
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294962892



4291295982



4292604415



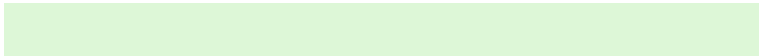
4294960113

# Rectangle

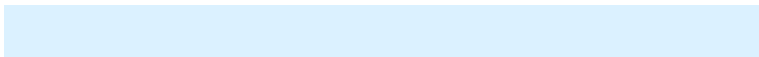
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294962892



4292736983



4292604415

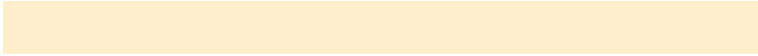


4294961407

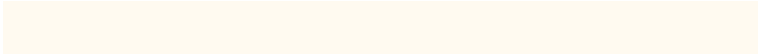


# Sweetspot

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



4294962892



4294966000



4294954205



4286610807



4278190080



4286611584

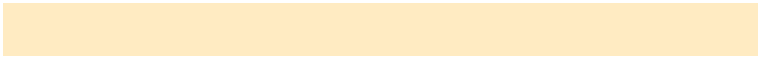


# Same Dimension

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



4294962892



4294962114



4294442956



4286610291



4290740224



4282395392



# Inverse Universe

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



4291616255



4290959103



4292136191



4285757312



4278206655



4278195520



# Previews

## White Background



This preview shows how the Android color 4294962892 looks on a white background.

## Color Contrast Check

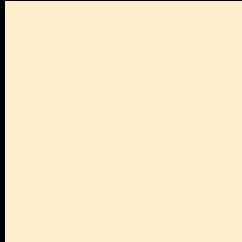
Large Text (above 18pt) WCAG AA × Fail

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 4294962892 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

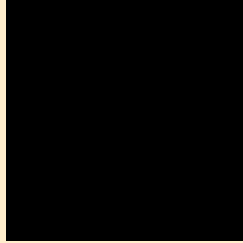
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4294962892 Background



This preview shows how black text looks on a background with the Android color 4294962892.

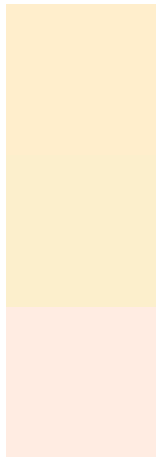


This preview shows how white text looks on a background with the Android color 4294962892.

# 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**  
4294962892

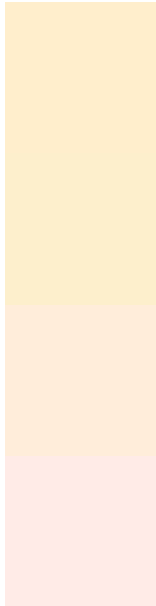
**Protanopia**  
4294766540

**Deuteranopia**  
4294962402



**Tritanopia**  
4294961911

# Trichromacy



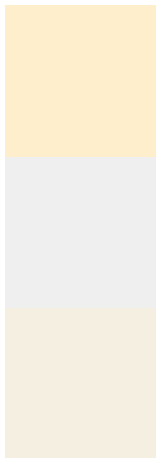
**Original Color**  
4294962892

**Protanomaly**  
4294832076

**Deuteranomaly**  
4294962650

**Tritanomaly**  
4294962151

# Monochromacy



**Original Color**  
4294962892

**Achromatopsia**  
4293914607

**Achromatomaly**  
4294307810

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294962892 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, 238, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 204)  
}
```

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, 238, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 204) }
```

## Border

The CSS property to change the border of an element to Android 4294962892 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, 238, 204) }
```

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

```
.border{ border-color:rgb(255, 238, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 238, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4294962892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 204) }
```

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

```
.background{ background-color: rgb(255,  
238, 204) }
```

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