

# Converting Colors

Android(4294832089)

Have a look what the booklet for  
Android(4294832089) contains.

<b>Android(4294832089)</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(4294832089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDEFD9
RGB	253, 239, 217
RGB Percent	99%, 94%, 85%
CMY	0.0078, 0.0627, 0.1490
CMYK	0.00, 0.06, 0.14, 0.01
HSL	37°, 90%, 92%
HSV	37°, 14%, 99%
XYZ	83.8989, 87.6254, 78.1371
YIQ	240.6780, 15.4060, -3.8740

# Conversions

## Conversions Part 2

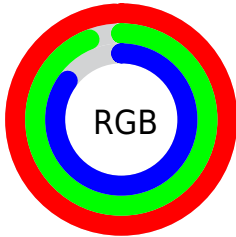
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 253, 217
Decimal	16642009
CIE Lab	95.00, 1.17, 12.33
CIE LCh	95, 12.381, 84.568
Yxy	87.6254, 0.3361, 0.3510
Android (android.graphics.Color)	4294832089 (0xFFFDEFD9)
YUV	240.6780, -11.6733, 10.8064
Hunter-Lab	93.6084, -3.8297, 16.0352

# Details

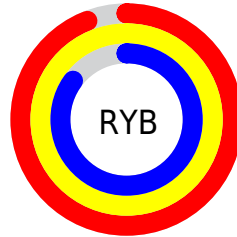
The Android color `4294832089` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `4292470781`, and the grayscale version is `4294046193`.

A 20% lighter version of the original color is `4294967295`, and `4291082146` is the 20% darker color. If you saturate the color by 10%, you get `4294829504`, and if you desaturate by 10%, it is `4294834674`.

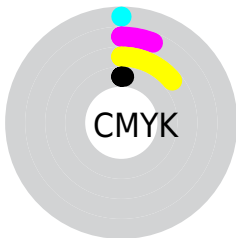
# Distribution



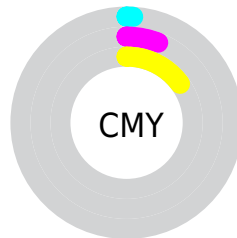
- Red (99%)
- Green (94%)
- Blue (85%)



- Red (94%)
- Yellow (99%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294832089 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 4294832089 by changing the saturation by 10% instead.



 4294832089

 4294832089

4294967295

 4292924349

 4291082146

 4289305736

 4287529583

 4285819222

 4284240191

 4282661417

 4281148692

 4279832576

 4294832089

 4294832089

 4294829504

 4294834674

 4294826918

 4294836223

 4294824333

 4294822004

 4294819418

 4294816833

 4294814248

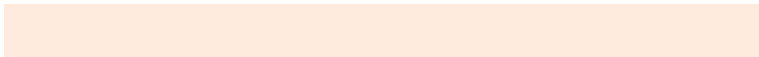
 4294811663

 4294810368

# Harmonies

## Analogous

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



4294962142



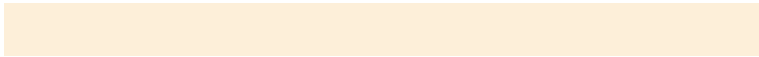
4294832089



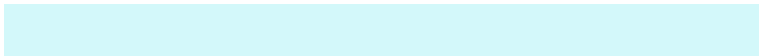
4293981147

# Triad

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



4294832089



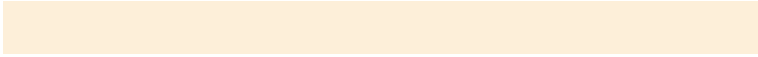
4292081914



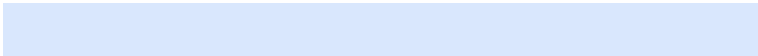
4294896639

# Complementary

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



4294832089



4292470781

# Split Complementary

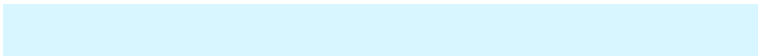
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4293979903



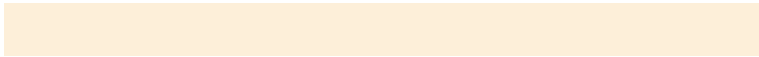
4294832089



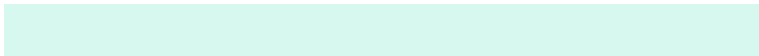
4292343551

# Square

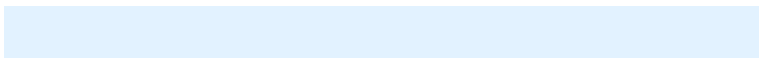
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294832089



4292344046



4293063423



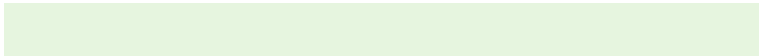
4294961651

# Rectangle

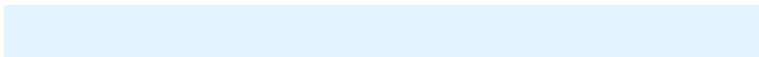
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294832089



4293326303



4293063423

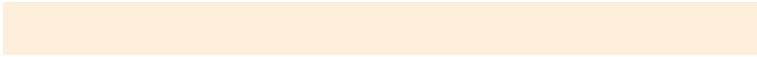


4294634751



# Sweetspot

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



4294832089



4294966261



4294826471



4286610809



4278190080



4286611584

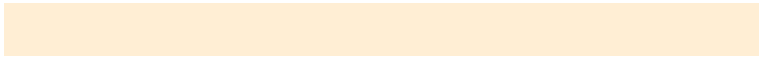


# Same Dimension

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



4294832089



4294962900



4294573529



4286610291



4290737408

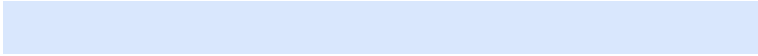


4282394368

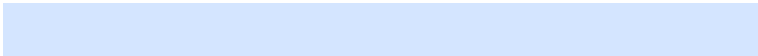


# Inverse Universe

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



4292470781



4292142591



4292729341



4285757568



4278209215

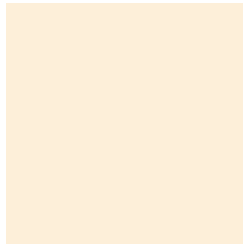


4278196544



# Previews

## White Background



This preview shows how the Android color 4294832089 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 4294832089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

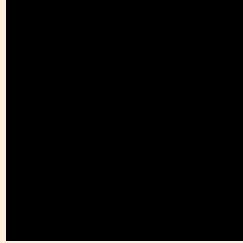
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

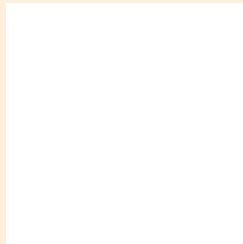
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294832089 Background



This preview shows how black text looks on a background with the Android color 4294832089.

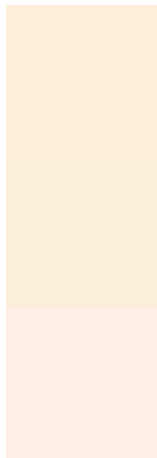


This preview shows how white text looks on a background with the Android color 4294832089.

# 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**  
4294832089

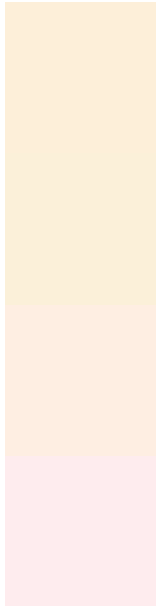
**Protanopia**  
4294635737

**Deuteranopia**  
4294962663



**Tritanopia**  
4294962170

# Trichromacy



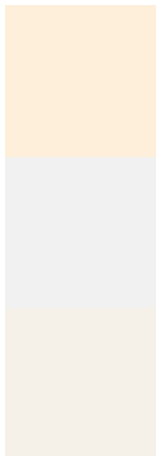
**Original Color**  
4294832089

**Protanomaly**  
4294701273

**Deuteranomaly**  
4294897378

**Tritanomaly**  
4294896878

# Monochromacy



**Original Color**  
4294832089

**Achromatopsia**  
4294046193

**Achromatomaly**  
4294308072

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294832089 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(253, 239, 217)` looks like.

```
.text, #text, p{  
    color:rgb(253, 239, 217)  
}
```

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(253, 239, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 239, 217) }
```

## Border

The CSS property to change the border of an element to Android 4294832089 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(253, 239, 217) }
```

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

```
.border{ border-color:rgb(253, 239, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 239, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 239, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 239, 217);  
box-shadow:4px 4px 4px 4px rgb(253, 239,  
217) }
```

# Background

The CSS property to change the background color of an element to Android 4294832089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 239, 217) }
```

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

```
.background{ background-color: rgb(253,  
239, 217) }
```

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