

# Converting Colors

Android(4294820209)

Have a look what the booklet for  
Android(4294820209) contains.

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# **Color**

**Android(4294820209)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDC171
RGB	253, 193, 113
RGB Percent	99%, 76%, 44%
CMY	0.0078, 0.2431, 0.5569
CMYK	0.00, 0.24, 0.55, 0.01
HSL	34°, 97%, 72%
HSV	34°, 55%, 99%
XYZ	62.5586, 60.2148, 23.9482
YIQ	201.8200, 61.4400, -12.1600

# Conversions

## Conversions Part 2

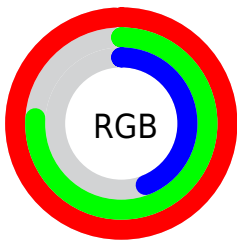
Format	Color
RYP	218, 253, 113
Decimal	16630129
CIELab	81.95, 12.71, 48.16
CIElCh	82, 49.811, 75.215
Yxy	60.2148, 0.4264, 0.4104
Android (android.graphics.Color)	4294820209 (0xFFFD C171)
YUV	201.8200, -43.7883, 44.8849
Hunter-Lab	77.5982, 8.1074, 36.0208

# Details

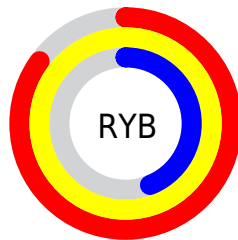
The Android color `4294820209` is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be `4285640189`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4294965670`, and `4290874430` is the 20% darker color. If you saturate the color by 10%, you get `4294817368`, and if you desaturate by 10%, it is `4294823050`.

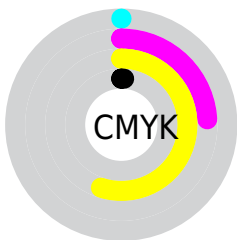
# Distribution



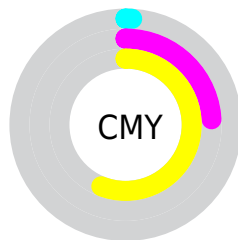
- Red (99%)
- Green (76%)
- Blue (44%)



- Red (85%)
- Yellow (99%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (1%)



















- Cyan (1%)
- Magenta (24%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294820209 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 4294820209 by changing the saturation by 10% instead.



 4294820209	 4294820209
 4294967295	 4292847191
 4294965670	 4290874430
 4294967234	 4288967205
 4294967262	 4287126023
 4294967291	 4285284864
	 4283444224
	 4281734912
	 4280221696
	 4278190080

4294820209

4294820209

4294817368

4294823050

4294814526

4294825892

4294811685

4294828733

4294809100

4294831318

4294807808

4294834160

4294836223

# Harmonies

## Analogous

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



4294947212



4294820209



4292006255

# Triad

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



4294820209



4278248675



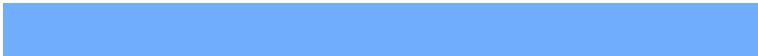
4293900287

# Complementary

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



4294820209



4285640189

# 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.



4289513727



4294820209



4278247935

# Square

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



4294820209



4284212146



4283226111



4294945253

# Rectangle

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



4294820209



4289780093



4283226111



4292591103

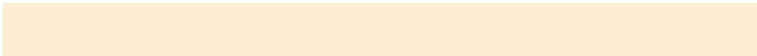


# Sweetspot

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



4294820209



4294962388



4294799790



4286608742



4278190080



4286611584



# Same Dimension

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



4294820209



4294948695



4294245745



4286610035



4290735360

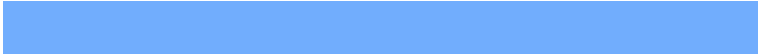


4282393600



# Inverse Universe

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



4285640189



4283932671



4286214653



4285757568



4278211263



4278197056



# Previews

## White Background



This preview shows how the Android color 4294820209 looks on a white background.

## Color Contrast Check

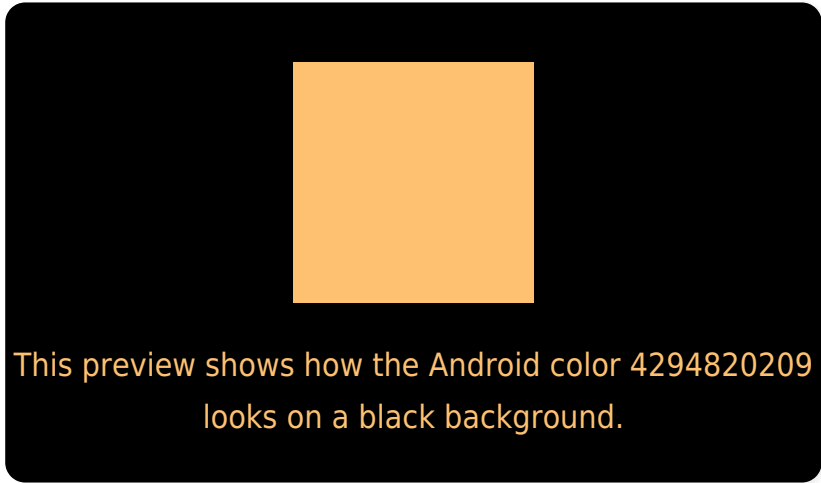
Large Text (above 18pt) WCAG AA × Fail

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 4294820209 Background



This preview shows how black text looks on a background with the Android color 4294820209.



This preview shows how white text looks on a background with the Android color 4294820209.

# 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**  
4294820209

**Protanopia**  
4292922485

**Deuteranopia**  
4294558577



**Tritanopia**  
4294949318

# Trichromacy



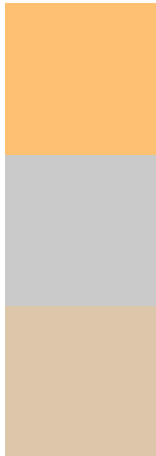
**Original Color**  
4294820209

**Protanomaly**  
4293642356

**Deuteranomaly**  
4294623857

**Tritanomaly**  
4294884519

# Monochromacy



**Original Color**  
4294820209

**Achromatopsia**  
4291480266

**Achromatomaly**  
4292724650

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294820209 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, 193, 113)` looks like.

```
.text, #text, p{  
    color:rgb(253, 193, 113)  
}
```

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, 193, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 193, 113) }
```

## Border

The CSS property to change the border of an element to Android 4294820209 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, 193, 113) }
```

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

```
.border{ border-color:rgb(253, 193, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 193, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 193, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 193, 113);  
box-shadow:4px 4px 4px 4px rgb(253, 193,  
113) }
```

# Background

The CSS property to change the background color of an element to Android 4294820209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 193, 113) }
```

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

```
.background{ background-color: rgb(253,  
193, 113) }
```

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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