

# Converting Colors

Android(4294227298)

Have a look what the booklet for  
Android(4294227298) contains.

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# **Color**

**Android(4294227298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4B562
RGB	244, 181, 98
RGB Percent	96%, 71%, 38%
CMY	0.0431, 0.2902, 0.6157
CMYK	0.00, 0.26, 0.60, 0.04
HSL	34°, 87%, 67%
HSV	34°, 60%, 96%
XYZ	56.0367, 53.1627, 18.8632
YIQ	190.3750, 64.1910, -12.4570

# Conversions

## Conversions Part 2

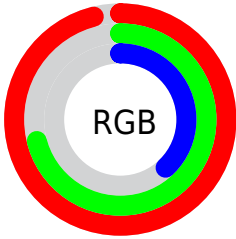
Format	Color
R <sub>Y</sub> B	209, 244, 98
Decimal	16037218
CIE Lab	77.97, 14.21, 50.53
CIE LCh	78, 52.486, 74.291
Yxy	53.1627, 0.4376, 0.4151
Android (android.graphics.Color)	4294227298 (0xFF4B562)
YUV	190.3750, -45.5409, 47.0291
Hunter-Lab	72.9127, 9.5879, 35.7000

# Details

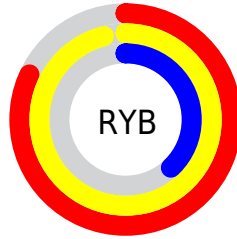
The Android color **4294227298** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **4284654068**, and the grayscale version is **4290756543**.

A 20% lighter version of the original color is **4294962583**, and **4290281519** is the 20% darker color. If you saturate the color by 10%, you get **4294224458**, and if you desaturate by 10%, it is **4294230138**.

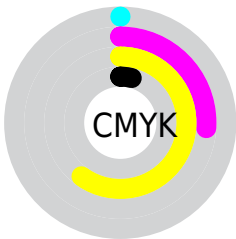
# Distribution



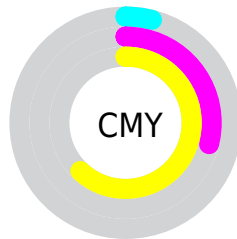
- Red (96%)
- Green (71%)
- Blue (38%)



- Red (82%)
- Yellow (96%)
- Blue (38%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (4%)


















- Cyan (4%)
- Magenta (29%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294227298 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 4294227298 by changing the saturation by 10% instead.



 4294227298	 4294227298
4294967295	 4292254280
 4294962583	 4290281519
 4294967218	 4288374548
 4294967246	 4286533376
 4294967275	 4284692480
	 4282852096
	 4281143040
	 4279107584
	 4278190080

 4294227298

 4294227298

 4294224458

 4294230138

 4294221873

 4294232723

 4294219033

 4294235563

 4294216448

 4294238148

 4294240988

 4294243572

 4294246399

# Harmonies

## Analogous

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



4294943871



4294227298



4291347807

# Triad

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



4294227298



4278246103



4293110783

# Complementary

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



4294227298



4284654068

# 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.



4288397055



4294227298



4278245119

# Square

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



4294227298



4282833061



4278767103



4294941916

# Rectangle

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



4294227298



4289056365



4278767103



4291736063

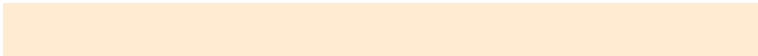


# Sweetspot

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



4294227298



4294962129



4294206113



4286608227



4278190080



4286611584



# Same Dimension

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



4294227298



4294946887



4293588066



4286215534



4290406912

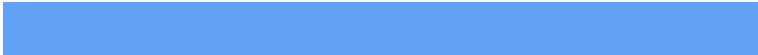


4282065152



# Inverse Universe

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



4284654068



4282882047



4285293300



4285428602



4278210746



4278196539



# Previews

## White Background



This preview shows how the Android color 4294227298 looks on a white background.

## Color Contrast Check

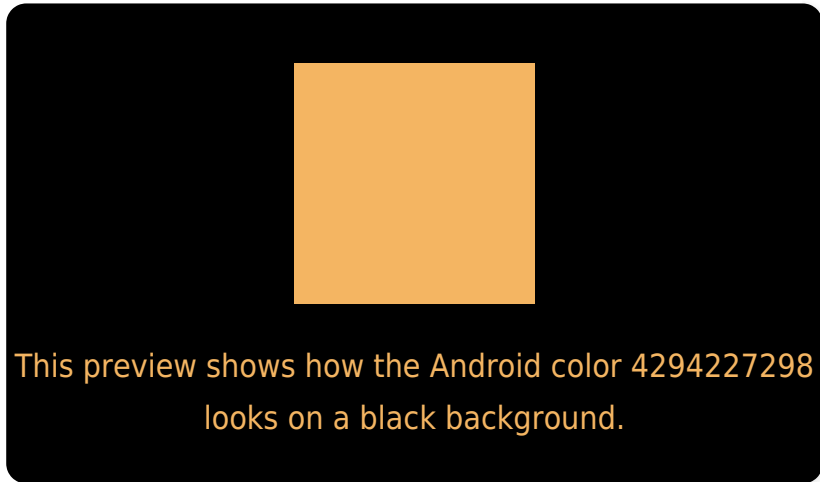
Large Text (above 18pt) WCAG AA × Fail

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 4294227298 Background



This preview shows how black text looks on a background with the Android color 4294227298.



This preview shows how white text looks on a background with the Android color 4294227298.

# 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**  
4294227298

**Protanopia**  
4292198758

**Deuteranopia**  
4293769313



**Tritanopia**  
4294683576

# Trichromacy



**Original Color**  
4294227298

**Protanomaly**  
4292918629

**Deuteranomaly**  
4293965665

**Tritanomaly**  
4294487961

# Monochromacy



**Original Color**  
4294227298

**Achromatopsia**  
4290690750

**Achromatomaly**  
4292000669

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294227298 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(244, 181, 98)` looks like.

```
.text, #text, p{  
    color:rgb(244, 181, 98)  
}
```

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(244, 181, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 181, 98) }
```

## Border

The CSS property to change the border of an element to Android 4294227298 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(244, 181, 98) }
```

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

```
.border{ border-color:rgb(244, 181, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 181, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 181, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 181, 98);  
box-shadow:4px 4px 4px 4px rgb(244, 181,  
98) }
```

# Background

The CSS property to change the background color of an element to Android 4294227298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 181, 98) }
```

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

```
.background{ background-color: rgb(244,  
181, 98) }
```

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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