

# Converting Colors

Android(4294236530)

Have a look what the booklet for  
Android(4294236530) contains.

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# **Color**

**Android(4294236530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D972
RGB	244, 217, 114
RGB Percent	96%, 85%, 45%
CMY	0.0431, 0.1490, 0.5529
CMYK	0.00, 0.11, 0.53, 0.04
HSL	48°, 86%, 70%
HSV	48°, 53%, 96%
XYZ	65.1583, 70.0737, 26.0110
YIQ	213.3310, 49.1550, -26.3090

# Conversions

## Conversions Part 2

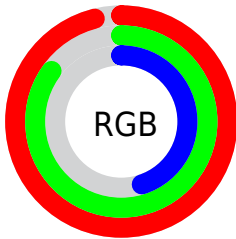
Format	Color
<a href="#">RYB</a>	<a href="#">148, 244, 114</a>
Decimal	<a href="#">16046450</a>
CIELab	<a href="#">87.03, -3.23, 53.55</a>
CIELCh	<a href="#">87, 53.643, 93.457</a>
Yxy	<a href="#">70.0737, 0.4041, 0.4346</a>
Android (android.graphics.Color)	<a href="#">4294236530</a> ( <a href="#">0xFFFF4D972</a> )
YUV	<a href="#">213.3310, -48.9702, 26.8967</a>
Hunter-Lab	<a href="#">83.7100, -7.5515, 40.1740</a>

# Details

The Android color `4294236530` is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be `4285697524`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294967208`, and `4290355774` is the 20% darker color. If you saturate the color by 10%, you get `4294235226`, and if you desaturate by 10%, it is `4294237834`.

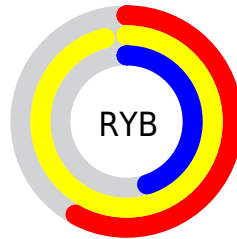
# Distribution



Red (96%)

Green (85%)

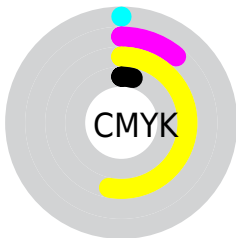
Blue (45%)



Red (58%)

Yellow (96%)

Blue (45%)

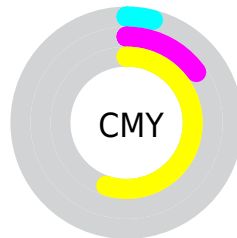


Cyan (0%)

Magenta (11%)

Yellow (53%)

Black (4%)



Cyan (4%)

Magenta (15%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294236530 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 4294236530 by changing the saturation by 10% instead.





4294236530



4294236530

4294967295



4292263256



4294967208



4290355774



4294967236



4288514083



4294967265



4286672640

4294967294



4284897024



4283121664



4281412096



4279834112



4278190080

4294236530

4294236530

4294235226

4294237834

4294233921

4294239139

4294232617

4294240443

4294231312

4294241748

4294230272

4294243052

4294244351

4294245631

4294246399

# Harmonies

## Analogous

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



4294952831



4294236530



4290766722

# Triad

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



4294236530



4278252543



4294949375

# Complementary

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



4294236530



4285697524

# 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.



4293380863



4294236530



4278250495

# Square

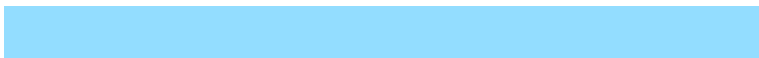
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294236530



4278253022



4287880703



4294947030

# Rectangle

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



4294236530



4288016027



4287880703



4294950655



# Sweetspot

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



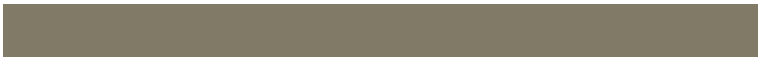
4294236530



4294965206



4294210190



4286610023



4278190080



4286611584



# Same Dimension

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



4294236530



4294958428



4291818610



4286216302



4290417408



4282068480



# Inverse Universe

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



4285697524



4284251903



4288115444



4285428090



4278200250



4278193211



# Previews

## White Background



This preview shows how the Android color 4294236530 looks on a white background.

## Color Contrast Check

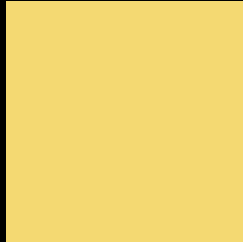
Large Text (above 18pt) WCAG AA × Fail

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 4294236530 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 4294236530 Background



This preview shows how black text looks on a background with the Android color 4294236530.

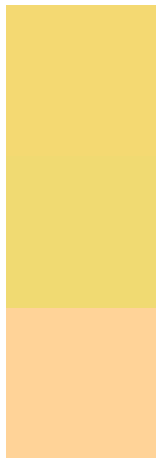


This preview shows how white text looks on a background with the Android color 4294236530.

# 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**  
4294236530

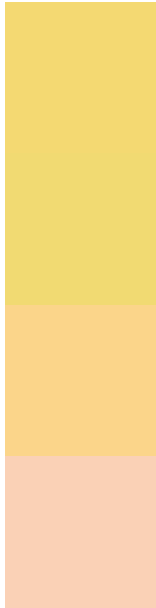
**Protanopia**  
4293974642

**Deuteranopia**  
4294955928



**Tritanopia**  
4294888925

# Trichromacy



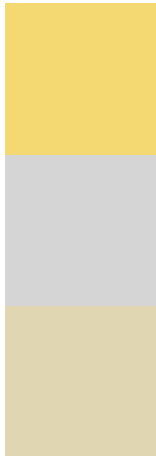
**Original Color**  
4294236530

**Protanomaly**  
4294040178

**Deuteranomaly**  
4294694282

**Tritanomaly**  
4294627766

# Monochromacy



**Original Color**  
4294236530

**Achromatopsia**  
4292203989

**Achromatomaly**  
4292925105

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294236530 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, 217, 114)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 114)  
}
```

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, 217, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 114) }
```

## Border

The CSS property to change the border of an element to Android 4294236530 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, 217, 114) }
```

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

```
.border{ border-color:rgb(244, 217, 114) }
```

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

Here you see how a box with a 4 pixel rgb(244, 217, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 114);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4294236530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 114) }
```

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

```
.background{ background-color: rgb(244,  
217, 114) }
```

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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