

# Converting Colors

Android(4294236028)

Have a look what the booklet for  
Android(4294236028) contains.

<b>Android(4294236028)</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(4294236028)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D77C
RGB	244, 215, 124
RGB Percent	96%, 84%, 49%
CMY	0.0431, 0.1569, 0.5137
CMYK	0.00, 0.12, 0.49, 0.04
HSL	46°, 85%, 72%
HSV	46°, 49%, 96%
XYZ	65.2468, 69.2892, 29.0041
YIQ	213.2970, 46.4950, -22.1530

# Conversions

## Conversions Part 2

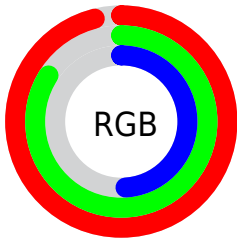
Format	Color
<a href="#">RYB</a>	<a href="#">162, 244, 124</a>
Decimal	<a href="#">16045948</a>
CIELab	<a href="#">86.65, -1.37, 48.29</a>
CIElCh	<a href="#">87, 48.312, 91.627</a>
Yxy	<a href="#">69.2892, 0.3990, 0.4237</a>
Android (android.graphics.Color)	<a href="#">4294236028</a> ( <a href="#">0xFFFF4D77C</a> )
YUV	<a href="#">213.2970, -44.0234, 26.9265</a>
Hunter-Lab	<a href="#">83.2401, -5.7552, 37.6092</a>

# Details

The Android color `4294236028` is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be `4286355956`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294967218`, and `4290420808` is the 20% darker color. If you saturate the color by 10%, you get `4294234468`, and if you desaturate by 10%, it is `4294237588`.

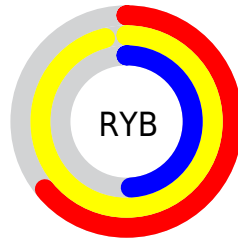
# Distribution



Red (96%)

Green (84%)

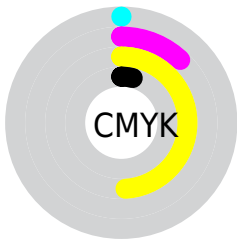
Blue (49%)



Red (64%)

Yellow (96%)

Blue (49%)

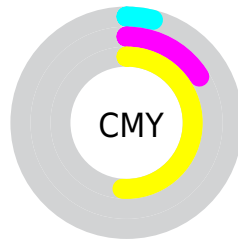


Cyan (0%)

Magenta (12%)

Yellow (49%)

Black (4%)



Cyan (4%)

Magenta (16%)















Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294236028 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 4294236028 by changing the saturation by 10% instead.



 4294236028	 4294236028
4294967295	 4292328290
 4294967218	 4290420808
 4294967246	 4288513583
 4294967275	 4286672147
	 4284896512
	 4283252224
	 4281477376
	 4279899392
	 4278190080

 4294236028

 4294236028

 4294234468

 4294237588

 4294232907

 4294239149

 4294231347

 4294240709

 4294229786

 4294242270

 4294228482

 4294243574

 4294228224

 4294245119

 4294246399

# Harmonies

## Analogous

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



4294952841



4294236028



4291093641

# Triad

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



4294236028



4278251775



4294950143

# Complementary

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



4294236028



4286355956

# 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.



4292988159



4294236028



4281788927

# Square

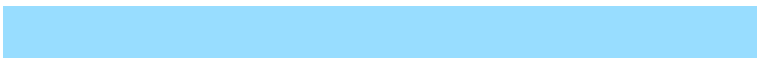
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294236028



4282773978



4288208383



4294948312

# Rectangle

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



4294236028



4288736158



4288208383



4294951423



# Sweetspot

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



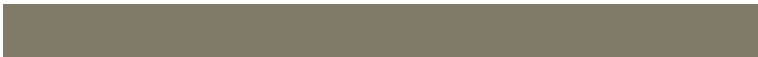
4294236028



4294964953



4294212762



4286610025



4278190080



4286611584



# Same Dimension

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



4294236028



4294957929



4292277372



4286216046



4290415872



4282067968



# Inverse Universe

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



4286355956



4285107711



4288314612



4285428090



4278201786



4278193723



# Previews

## White Background



This preview shows how the Android color 4294236028 looks on a white background.

## Color Contrast Check

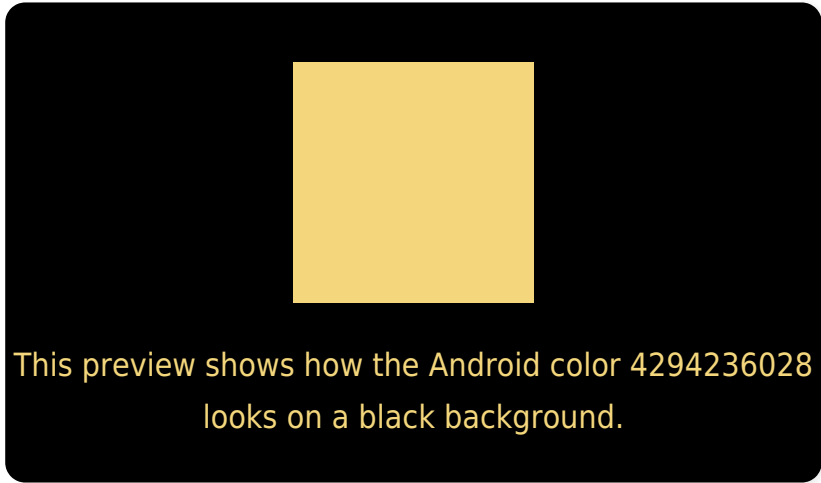
Large Text (above 18pt) WCAG AA × Fail

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 4294236028 Background



This preview shows how black text looks on a background with the Android color 4294236028.



This preview shows how white text looks on a background with the Android color 4294236028.

# 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**  
4294236028

**Protanopia**  
4293843325

**Deuteranopia**  
4294955415



**Tritanopia**  
4294823132

# Trichromacy



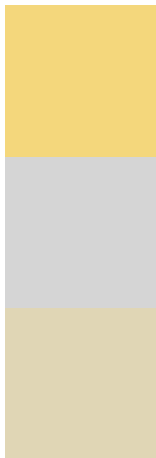
**Original Color**  
4294236028

**Protanomaly**  
4293974141

**Deuteranomaly**  
4294693773

**Tritanomaly**  
4294627513

# Monochromacy



**Original Color**  
4294236028

**Achromatopsia**  
4292203989

**Achromatomaly**  
4292925109

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294236028 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, 215, 124)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 124)  
}
```

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, 215, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 124) }
```

## Border

The CSS property to change the border of an element to Android 4294236028 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, 215, 124) }
```

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

```
.border{ border-color:rgb(244, 215, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 215, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 215, 124); box-shadow:4px 4px 4px 4px rgb(244, 215, 124) }
```

# Background

The CSS property to change the background color of an element to Android 4294236028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 124) }
```

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

```
.background{ background-color: rgb(244,  
215, 124) }
```

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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