

# Converting Colors

Android(4286374990)

Have a look what the booklet for  
Android(4286374990) contains.

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# **Color**

**Android(4286374990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CE44E
RGB	124, 228, 78
RGB Percent	49%, 89%, 31%
CMY	0.5137, 0.1059, 0.6941
CMYK	0.46, 0.00, 0.66, 0.11
HSL	102°, 74%, 60%
HSV	102°, 66%, 89%
XYZ	37.4307, 60.3219, 16.8782
YIQ	179.8040, -13.8340, -68.6980

# Conversions

## Conversions Part 2

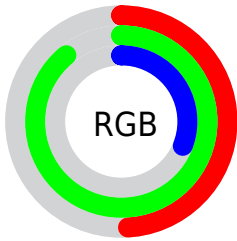
Format	Color
<a href="#">RYB</a>	<a href="#">78, 228, 182</a>
Decimal	<a href="#">8184910</a>
CIELab	<a href="#">82.01, -55.98, 61.55</a>
CIElCh	<a href="#">82, 83.197, 132.284</a>
Yxy	<a href="#">60.3219, 0.3265, 0.5262</a>
Android (android.graphics.Color)	<a href="#">4286374990 (0xFF7CE44E)</a>
YUV	<a href="#">179.8040, -50.1894, -48.9401</a>
Hunter-Lab	<a href="#">77.6672, -49.8918, 41.4825</a>

# Details

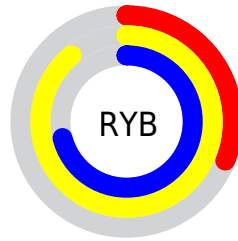
The Android color **4286374990** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4290137828**, and the grayscale version is **4290032820**.

A 20% lighter version of the original color is **4290248581**, and **4282297354** is the 20% darker color. If you saturate the color by 10%, you get **4285326391**, and if you desaturate by 10%, it is **4287423589**.

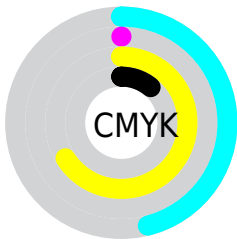
# Distribution



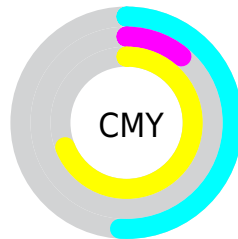
- Red (49%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (66%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286374990 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 4286374990 by changing the saturation by 10% instead.



 4286374990	 4286374990
4294967295	 4284401457
 4290248581	 4282297354
 4292214689	 4279537664
 4294180798	 4278220288
 4294967258	 4278213632
 4294967288	 4278207232
	 4278201600
	 4278193408
	 4278190080

 4286374990

 4286374990

 4285326391

 4287423589

 4284277792


 4288472188

 4283294730

 4289455250

 4282835968

 4290503849

 4291552448

 4292601047

 4293649646

 4294632703

 4294960383

# Harmonies

## Analogous

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



4292137479



4286374990



4278250905

# Triad

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



4286374990



4278247935



4294934191

# Complementary

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



4286374990



4290137828

# 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.



4294936573



4286374990



4284336895

# Square

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



4286374990



4278251007



4294486271



4294940262

# Rectangle

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



4286374990



4278251728



4294486271



4294933961

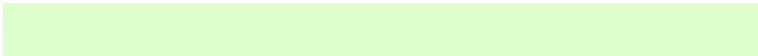


# Sweetspot

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



4286374990



4292673484



4293178702



4285169761



4278190080



4286611584



# Same Dimension

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



4286374990



4285792054



4283360362



4285231975



4281840384



4279251712



# Inverse Universe

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



4290137828



4290852607



4293152457



4285491059



4286316723

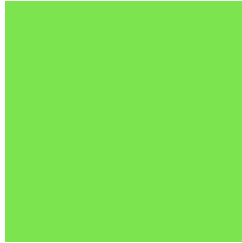


4280483891



# Previews

## White Background



This preview shows how the Android color 4286374990 looks on a white background.

## Color Contrast Check

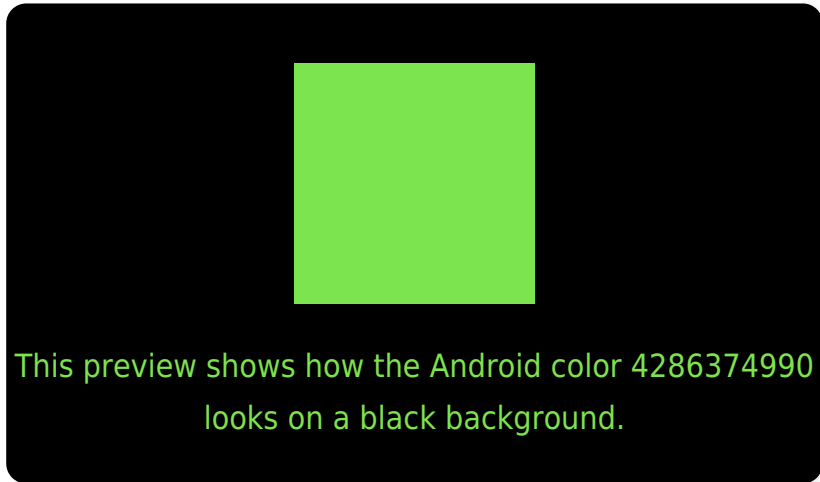
Large Text (above 18pt) WCAG AA × Fail

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 4286374990 Background



This preview shows how black text looks on a background with the Android color 4286374990.



This preview shows how white text looks on a background with the Android color 4286374990.

# 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



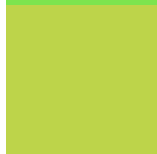


# Trichromacy



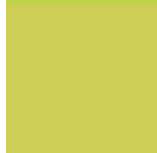
**Original Color**

4286374990



**Protanomaly**

4290630730



**Deuteranomaly**

4291677781



**Tritanomaly**

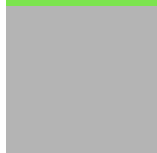
4287486639

# Monochromacy



**Original Color**

4286374990



**Achromatopsia**

4290032820



**Achromatomaly**

4288726415

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286374990 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(124, 228, 78)` looks like.

```
.text, #text, p{  
    color:rgb(124, 228, 78)  
}
```

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(124, 228, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 228, 78) }
```

## Border

The CSS property to change the border of an element to Android 4286374990 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(124, 228, 78) }
```

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

```
.border{ border-color:rgb(124, 228, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 228, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 228, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 228, 78);  
box-shadow:4px 4px 4px 4px rgb(124, 228,  
78) }
```

# Background

The CSS property to change the background color of an element to Android 4286374990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 228, 78) }
```

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

```
.background{ background-color: rgb(124,  
228, 78) }
```

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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