

# Converting Colors

Android(4286173982)

Have a look what the booklet for  
Android(4286173982) contains.

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# **Color**

**Android(4286173982)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79D31E
RGB	121, 211, 30
RGB Percent	47%, 83%, 12%
CMY	0.5255, 0.1725, 0.8824
CMYK	0.43, 0.00, 0.86, 0.17
HSL	90°, 75%, 47%
HSV	90°, 86%, 83%
XYZ	31.4138, 50.7472, 9.3678
YIQ	163.4560, 4.4610, -75.3710

# Conversions

## Conversions Part 2

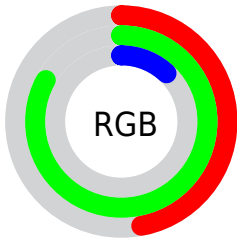
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 211, 120
Decimal	7983902
CIELab	76.53, -53.12, 71.23
CIELCh	77, 88.860, 126.712
Yxy	50.7472, 0.3432, 0.5544
Android (android.graphics.Color)	4286173982 (0xFF79D31E)
YUV	163.4560, -65.7938, -37.2339
Hunter-Lab	71.2371, -45.9509, 42.0692

# Details

The Android color `4286173982` is a dark color, and the websafe version is hex `66CC00`. The color can be described as dark washed chartreuse. A complement of this color would be `4286062291`, and the grayscale version is `4288980132`.

A 20% lighter version of the original color is `4290051935`, and `4282096640` is the 20% darker color. If you saturate the color by 10%, you get `4285518601`, and if you desaturate by 10%, it is `4286829363`.

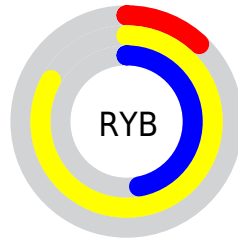
# Distribution



Red (47%)

Green (83%)

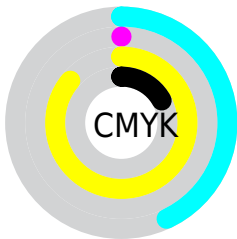
Blue (12%)



Red (12%)

Yellow (83%)

Blue (47%)

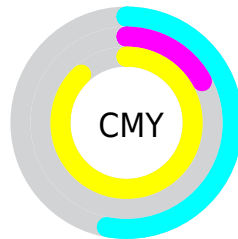


Cyan (43%)

Magenta (0%)

Yellow (86%)

Black (17%)



Cyan (53%)

Magenta (17%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286173982 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 4286173982 by changing the saturation by 10% instead.





4286173982



4286173982

4294967295



4284200704



4290051935



4282096640



4292018044



4279337216



4293984152



4278216448



4294967221



4278210048



4294967250



4278203904



4294967279



4278198016



4278190080



4286173982



4286173982

■ 4285518601

■ 4286829363

■ 4285190912

■ 4287550280

■ 4288205661

■ 4288926578

■ 4289581959

■ 4290302877

■ 4290958258

■ 4291679175

■ 4292334556

# Harmonies

## Analogous

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



4291936000



4286173982



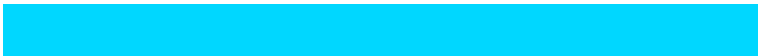
4278247032

# Triad

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



4286173982



4278245375



4294926766

# Complementary

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



4286173982



4286062291

# 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.



4294931967



4286173982



4278239743

# Square

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



4286173982



4278247679



4292124415



4294933087

# Rectangle

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



4286173982



4278247857



4292124415



4294927050

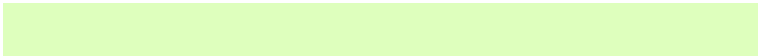


# Sweetspot

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



4286173982



4292804541



4292048158



4285300824



4278190080



4286611584



# Same Dimension

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



4286173982



4286643968



4280406814



4284705118



4283803648



4279576832



# Inverse Universe

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



4286062291



4286513407



4291829459



4284702313



4283695272



4279500841



# Previews

## White Background



This preview shows how the Android color 4286173982 looks on a white background.

## Color Contrast Check

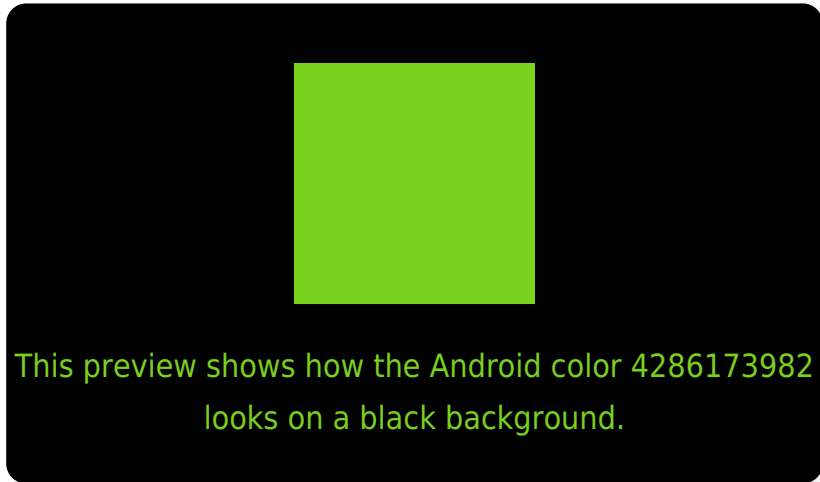
Large Text (above 18pt) WCAG AA × Fail

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

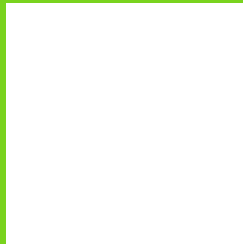
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286173982 Background



This preview shows how black text looks on a background with the Android color 4286173982.



This preview shows how white text looks on a background with the Android color 4286173982.

# 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**  
4286173982

**Protanopia**  
4292131863

**Deuteranopia**  
4293702195



# Trichromacy



**Original Color**

4286173982



**Protanomaly**

4289971226



**Deuteranomaly**

4290952747



**Tritanomaly**

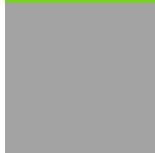
4287220114

# Monochromacy



**Original Color**

4286173982



**Achromatopsia**

4288914339



**Achromatomaly**

4287935603

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286173982 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(121, 211, 30)` looks like.

```
.text, #text, p{  
    color:rgb(121, 211, 30)  
}
```

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(121, 211, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 211, 30) }
```

## Border

The CSS property to change the border of an element to Android 4286173982 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(121, 211, 30) }
```

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

```
.border{ border-color:rgb(121, 211, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 211, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 211, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 211, 30);  
box-shadow:4px 4px 4px 4px rgb(121, 211,  
30) }
```

# Background

The CSS property to change the background color of an element to Android 4286173982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 211, 30) }
```

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

```
.background{ background-color: rgb(121,  
211, 30) }
```

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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