

# Converting Colors

Android(4282573312)

Have a look what the booklet for  
Android(4282573312) contains.

<b>Android(4282573312)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4282573312)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42E200
RGB	66, 226, 0
RGB Percent	26%, 89%, 0%
CMY	0.7412, 0.1137, 1.0000
CMYK	0.71, 0.00, 1.00, 0.11
HSL	102°, 100%, 44%
HSV	102°, 100%, 89%
XYZ	29.4431, 55.5510, 9.1706
YIQ	152.3960, -22.8140, -104.2060

# Conversions

## Conversions Part 2

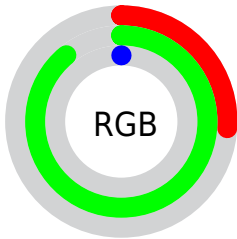
Format	Color
<a href="#">RYB</a>	0, 226, 160
Decimal	4383232
CIELab	79.36, -72.71, 76.74
CIELCh	79, 105.717, 133.455
Yxy	55.5510, 0.3127, 0.5899
Android (android.graphics.Color)	4282573312 (0xFF42E200)
YUV	152.3960, -75.1312, -75.7693
Hunter-Lab	74.5325, -59.9178, 44.8776

# Details

The Android color `4282573312` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed green. A complement of this color would be `4288676066`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4287233878`, and `4278233344` is the 20% darker color. If you saturate the color by 10%, you get `4282573312`, and if you desaturate by 10%, it is `4283621911`.

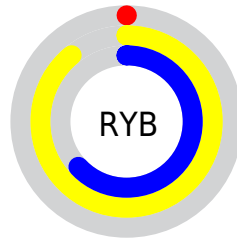
# Distribution



Red (26%)

Green (89%)

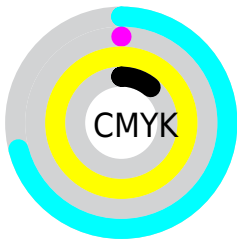
Blue (0%)



Red (0%)

Yellow (89%)

Blue (63%)

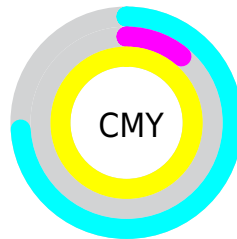


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (74%)

Magenta (11%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282573312 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 4282573312 by changing the saturation by 10% instead.





4282573312



4282573312

4294967295



4278240512



4287233878



4278233344



4289331060



4278226432



4291362705



4278219520



4293459887



4278212608



4294967244



4278206464



4294967274



4278199808



4278190080



4282573312

 4283621911

 4284670509

 4285719108

 4286767706

 4287816305

 4288864904

 4289913502

 4290962101

 4292010699

# Harmonies

## Analogous

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



4291087872



4282573312



4278250632

# Triad

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



4282573312



4278247423



4294919325

# Complementary

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



4282573312



4288676066

# 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.



4294924031



4282573312



4278239999

# Square

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



4282573312



4278250751



4294808319



4294932797

# Rectangle

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



4282573312



4278251470



4294808319



4294917822

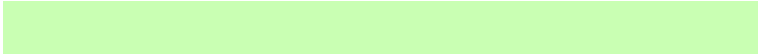


# Sweetspot

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



4282573312



4291428275



4293041664



4284448850



4278190080



4286611584



# Same Dimension

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



4282573312



4283105024



4278247981



4285034597



4281577472



4279119872



# Inverse Universe

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



4288676066



4290052351



4293001397



4285359472



4286382256

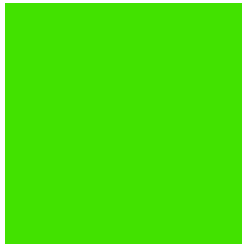


4280418352



# Previews

## White Background



This preview shows how the Android color 4282573312 looks on a white background.

## Color Contrast Check

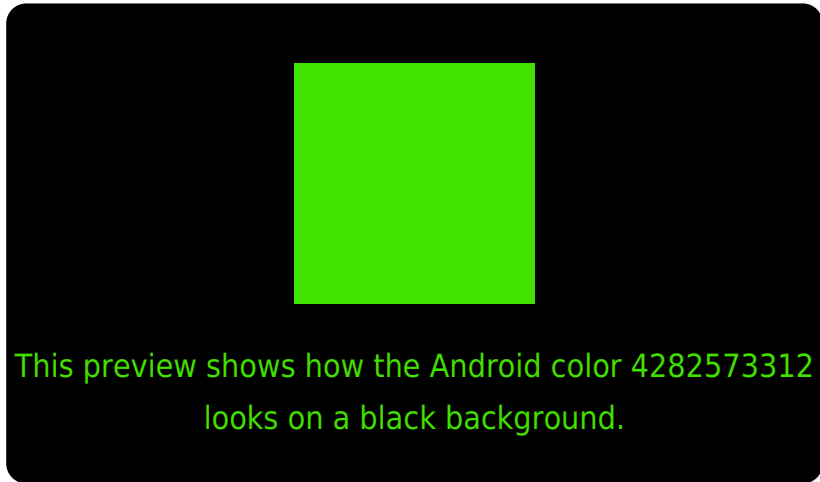
Large Text (above 18pt) WCAG AA × Fail

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

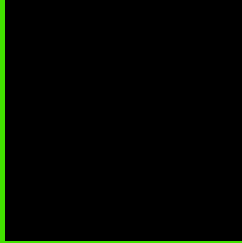
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282573312 Background



This preview shows how black text looks on a background with the Android color 4282573312.



This preview shows how white text looks on a background with the Android color 4282573312.

# Color Blindness Simulation

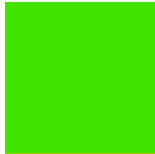
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4282573312



**Protanomaly**

4288990720



**Deuteranomaly**

4290037791



**Tritanomaly**

4284471440

# Monochromacy



**Original Color**

4282573312



**Achromatopsia**

4288190616



**Achromatomaly**

4286165857

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282573312 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(66, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(66, 226, 0)  
}
```

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(66, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 226, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282573312 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(66, 226, 0) }
```

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

```
.border{ border-color:rgb(66, 226, 0) }
```

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

Here you see how a box with a 4 pixel rgb(66, 226, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(66, 226, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282573312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 226, 0) }
```

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

```
.background{ background-color: rgb(66, 226,  
0) }
```

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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