

# Converting Colors

Android(4282246144)

Have a look what the booklet for  
Android(4282246144) contains.

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# **Color**

**Android(4282246144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DE400
RGB	61, 228, 0
RGB Percent	24%, 89%, 0%
CMY	0.7608, 0.1059, 1.0000
CMYK	0.73, 0.00, 1.00, 0.11
HSL	104°, 100%, 45%
HSV	104°, 100%, 89%
XYZ	29.6679, 56.4789, 9.3379
YIQ	152.0750, -26.3440, -106.3120

# Conversions

## Conversions Part 2

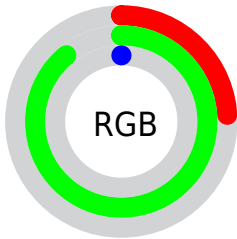
Format	Color
<a href="#">RYB</a>	<a href="#">0, 228, 167</a>
Decimal	<a href="#">4056064</a>
CIELab	<a href="#">79.89, -74.13, 77.12</a>
CIELCh	<a href="#">80, 106.971, 133.866</a>
Yxy	<a href="#">56.4789, 0.3107, 0.5915</a>
Android (android.graphics.Color)	<a href="#">4282246144</a> ( <a href="#">0xFF3DE400</a> )
YUV	<a href="#">152.0750, -74.9730, -79.8728</a>
Hunter-Lab	<a href="#">75.1524, -61.0505, 45.2398</a>

# Details

The Android color `4282246144` 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 `4289134820`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4287037271`, and `4278233856` is the 20% darker color. If you saturate the color by 10%, you get `4282246144`, and if you desaturate by 10%, it is `4283360279`.

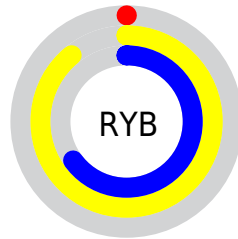
# Distribution



Red (24%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (65%)

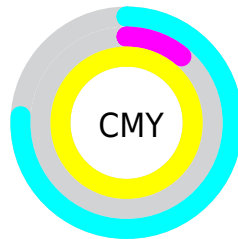


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (76%)

Magenta (11%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282246144 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 4282246144 by changing the saturation by 10% instead.





4282246144



4282246144

4294967295



4278241024



4287037271



4278233856



4289134453



4278226688



4291231634



4278219776



4293328815



4278213120



4294967245



4278206720



4294967274



4278200320



4278190080



4282246144

 4283360279

 4284408878

 4285523012

 4286637147

 4287751282

 4288799881

 4289914016

 4291028150

 4292076749

# Harmonies

## Analogous

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



4291088384



4282246144



4278251146

# Triad

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



4282246144



4278247935



4294919069

# Complementary

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



4282246144



4289134820

# 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.



4294923519



4282246144



4278240255

# Square

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



4282246144



4278251263



4294939391



4294933051

# Rectangle

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



4282246144



4278251985



4294939391



4294917310

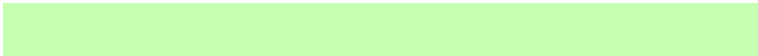


# Sweetspot

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



4282246144



4291297203



4293174016



4284383314



4278190080



4286611584



# Same Dimension

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



4282246144



4282711808



4278248497



4285166439



4281381632



4279120640



# Inverse Universe

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



4289134820



4290445567



4293132467



4285556595



4286775475

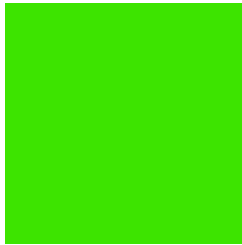


4280614963



# Previews

## White Background



This preview shows how the Android color 4282246144 looks on a white background.

## Color Contrast Check

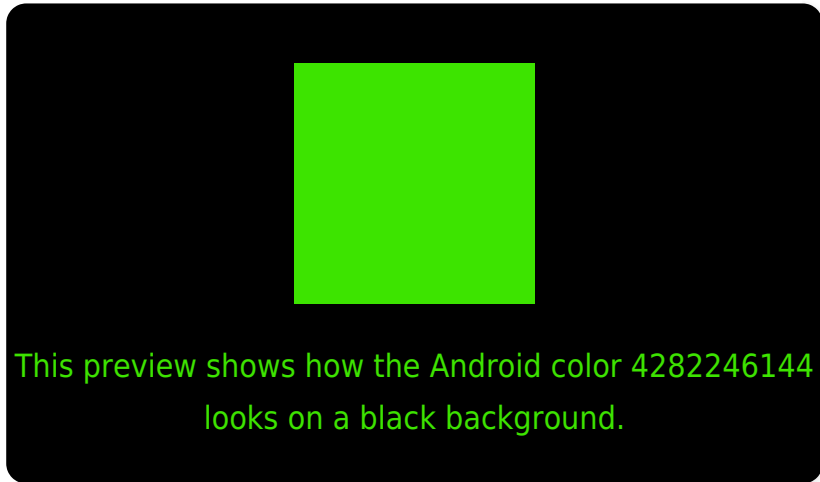
Large Text (above 18pt) WCAG AA × Fail

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

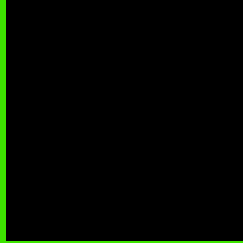
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282246144 Background



This preview shows how black text looks on a background with the Android color 4282246144.



This preview shows how white text looks on a background with the Android color 4282246144.

# Color Blindness Simulation

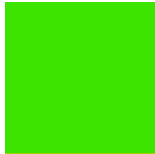
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4282246144



**Protanomaly**

4288925696



**Deuteranomaly**

4289972511



**Tritanomaly**

4284340882

# Monochromacy



**Original Color**

4282246144



**Achromatopsia**

4288190616



**Achromatomaly**

4286035041

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282246144 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(61, 228, 0)` looks like.

```
.text, #text, p{  
    color:rgb(61, 228, 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(61, 228, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 228, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282246144 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(61, 228, 0) }
```

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

```
.border{ border-color:rgb(61, 228, 0) }
```

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

Here you see how a box with a 4 pixel rgb(61, 228, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 228, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 228, 0);  
box-shadow:4px 4px 4px 4px rgb(61, 228, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282246144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 228, 0) }
```

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

```
.background{ background-color: rgb(61, 228,  
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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