

# Converting Colors

Android(4282633240)

Have a look what the booklet for  
Android(4282633240) contains.

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# **Color**

**Android(4282633240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43CC18
RGB	67, 204, 24
RGB Percent	26%, 80%, 9%
CMY	0.7373, 0.2000, 0.9059
CMYK	0.67, 0.00, 0.88, 0.20
HSL	106°, 79%, 45%
HSV	106°, 88%, 80%
XYZ	24.0725, 44.4450, 8.1741
YIQ	142.5170, -23.8720, -85.0240

# Conversions

## Conversions Part 2

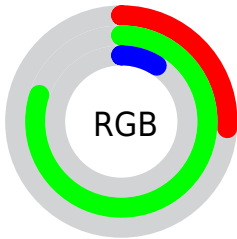
Format	Color
<a href="#">RYB</a>	24, 204, 161
Decimal	4443160
CIELab	72.52, -65.23, 68.26
CIELCh	73, 94.412, 133.698
Yxy	44.4450, 0.3139, 0.5795
Android (android.graphics.Color)	4282633240 (0xFF43CC18)
YUV	142.5170, -58.4289, -66.2284
Hunter-Lab	66.6671, -52.2137, 39.3973

# Details

The Android color `4282633240` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4288747724`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4286971738`, and `4278227968` is the 20% darker color. If you saturate the color by 10%, you get `4281584644`, and if you desaturate by 10%, it is `4283681836`.

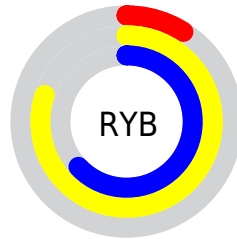
# Distribution



Red (26%)

Green (80%)

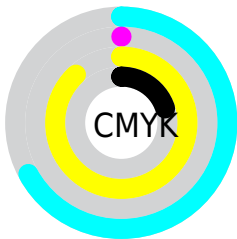
Blue (9%)



Red (9%)

Yellow (80%)

Blue (63%)

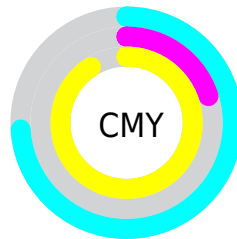


Cyan (67%)

Magenta (0%)

Yellow (88%)

Black (20%)



Cyan (74%)

Magenta (20%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282633240 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 4282633240 by changing the saturation by 10% instead.





4282633240



4282633240

4294967295



4279283712



4286971738



4278227968



4289003382



4278221056



4290969491



4278214400



4293001135



4278208000



4294967244



4278202112



4294967274



4278194176



4278190080



4282633240



4282633240

■ 4281584644

■ 4283681836

■ 4281453568

■ 4284664897

■ 4285713493

■ 4286696554

■ 4287745150

■ 4288728210

■ 4289776807

■ 4290759867

■ 4291808464

# Harmonies

## Analogous

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



4289903104



4282633240



4278244734

# Triad

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



4282633240



4278241791



4294920334

# Complementary

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



4282633240



4288747724

# 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.



4294923749



4282633240



4278235135

# Square

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



4282633240



4278244863



4293232383



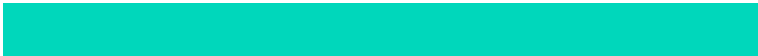
4294931003

# Rectangle

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



4282633240



4278245307



4293232383



4294919339

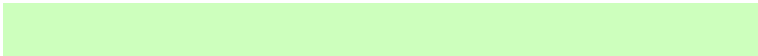


# Sweetspot

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



4282633240



4291690429



4291600152



4284579928



4278190080



4286611584



# Same Dimension

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



4282633240



4282253056



4279815237



4284376668



4280854016



4278789632



# Inverse Universe

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



4288747724



4290904319



4291565727



4284767334



4286447782

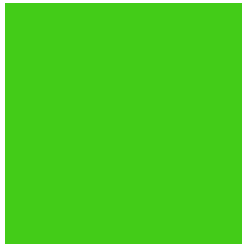


4280090662



# Previews

## White Background



This preview shows how the Android color 4282633240 looks on a white background.

## Color Contrast Check

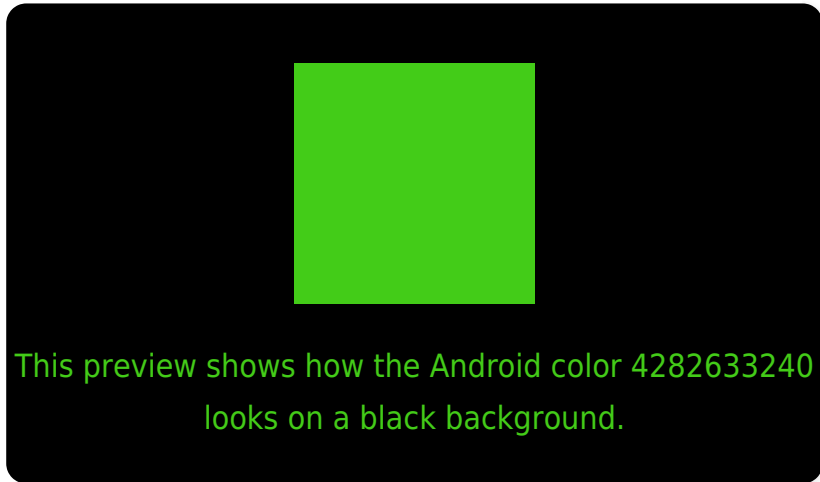
Large Text (above 18pt) WCAG AA × Fail

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

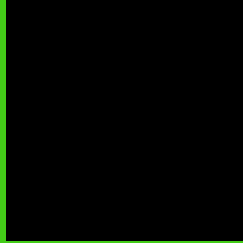
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282633240 Background



This preview shows how black text looks on a background with the Android color 4282633240.



This preview shows how white text looks on a background with the Android color 4282633240.

# 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**

4282633240



**Protanomaly**

4288133905



**Deuteranomaly**

4289049639



**Tritanomaly**

4284203915

# Monochromacy



**Original Color**

4282633240



**Achromatopsia**

4287598479



**Achromatomaly**

4285769060

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282633240 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(67, 204, 24)` looks like.

```
.text, #text, p{  
    color:rgb(67, 204, 24)  
}
```

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(67, 204, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 204, 24) }
```

## Border

The CSS property to change the border of an element to Android 4282633240 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(67, 204, 24) }
```

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

```
.border{ border-color:rgb(67, 204, 24) }
```

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

Here you see how a box with a 4 pixel rgb(67, 204, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 204, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 204, 24);  
box-shadow:4px 4px 4px 4px rgb(67, 204,  
24) }
```

# Background

The CSS property to change the background color of an element to Android 4282633240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 204, 24) }
```

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

```
.background{ background-color: rgb(67, 204,  
24) }
```

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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