

# Converting Colors

Android(4282043913)

Have a look what the booklet for  
Android(4282043913) contains.

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# **Color**

**Android(4282043913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ACE09
RGB	58, 206, 9
RGB Percent	23%, 81%, 4%
CMY	0.7725, 0.1922, 0.9647
CMYK	0.72, 0.00, 0.96, 0.19
HSL	105°, 92%, 42%
HSV	105°, 96%, 81%
XYZ	23.8655, 45.0619, 7.6984
YIQ	139.2900, -24.9710, -92.6430

# Conversions

## Conversions Part 2

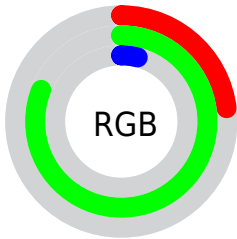
Format	Color
<a href="#">RYB</a>	<a href="#">9, 206, 157</a>
Decimal	<a href="#">3853833</a>
CIELab	<a href="#">72.93, -67.89, 70.63</a>
CIElCh	<a href="#">73, 97.970, 133.867</a>
Yxy	<a href="#">45.0619, 0.3115, 0.5881</a>
Android (android.graphics.Color)	<a href="#">4282043913 (0xFF3ACE09)</a>
YUV	<a href="#">139.2900, -64.2330, -71.2913</a>
Hunter-Lab	<a href="#">67.1281, -54.0136, 40.1902</a>

# Details

The Android color `4282043913` 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 `4288481742`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286644053`, and `4278228480` is the 20% darker color. If you saturate the color by 10%, you get `4281585152`, and if you desaturate by 10%, it is `4283026974`.

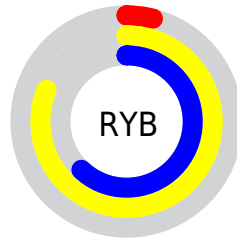
# Distribution



Red (23%)

Green (81%)

Blue (4%)



Red (4%)

Yellow (81%)

Blue (62%)

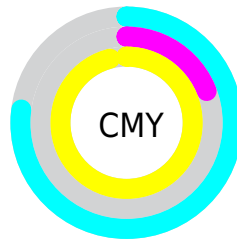


Cyan (72%)

Magenta (0%)

Yellow (96%)

Black (19%)



Cyan (77%)

Magenta (19%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282043913 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 4282043913 by changing the saturation by 10% instead.



 4282043913

 4282043913

4294967295

 4278235648

 4286644053

 4278228480

 4288675698

 4278221568

 4290707342

 4278214912

 4292738987

 4278208256

 4294770632

 4278202368

 4294967269

 4278194688

 4278190080

 4282043913

 4282043913

■ 4281585152

■ 4283026974

■ 4284075570

■ 4285058631

■ 4286107227

■ 4287090288

■ 4288138885

■ 4289121945

■ 4290170542

■ 4291153602

# Harmonies

## Analogous

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



4289838080



4282043913



4278245245

# Triad

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



4282043913



4278242303



4294918286

# Complementary

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



4282043913



4288481742

# 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.



4294921959



4282043913



4278235391

# Square

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



4282043913



4278245375



4293428479



4294930230

# Rectangle

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



4282043913



4278245821



4293428479



4294916779

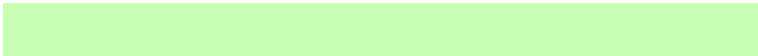


# Sweetspot

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



4282043913



4291297205



4291730697



4284383315



4278190080



4286611584



# Same Dimension

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



4282043913



4282384128



4278832698



4284376668



4280919552



4278855168



# Inverse Universe

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



4288481742



4290773247



4291692957



4284701798



4286382246

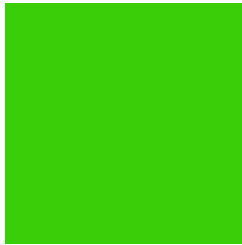


4280090662



# Previews

## White Background



This preview shows how the Android color 4282043913 looks on a white background.

## Color Contrast Check

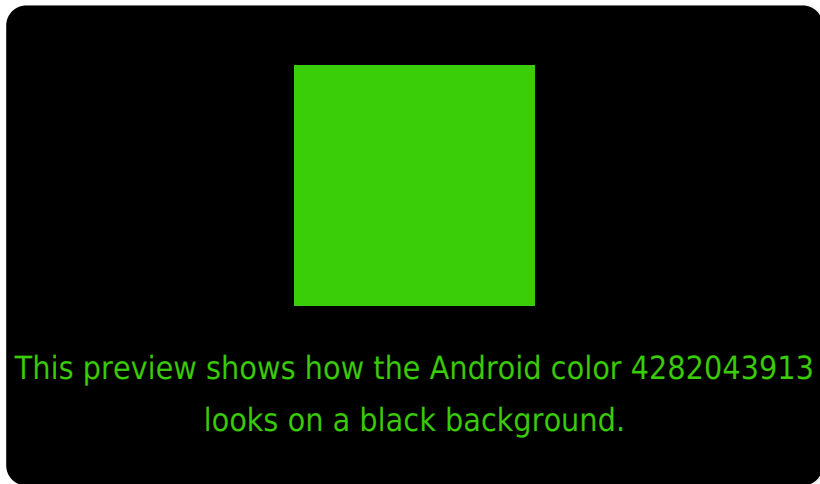
Large Text (above 18pt) WCAG AA × Fail

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

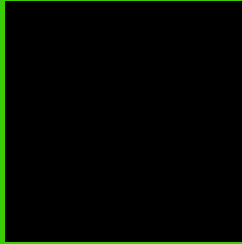
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282043913 Background



This preview shows how black text looks on a background with the Android color 4282043913.



This preview shows how white text looks on a background with the Android color 4282043913.

# 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**  
4282043913

**Protanopia**  
4291342848

**Deuteranopia**  
4292847661



# Trichromacy



**Original Color**  
4282043913



**Protanomaly**  
4287937539



**Deuteranomaly**  
4288919072



**Tritanomaly**  
4283810951

# Monochromacy



**Original Color**  
4282043913



**Achromatopsia**  
4287335307



**Achromatomaly**  
4285440860

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282043913 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(58, 206, 9)` looks like.

```
.text, #text, p{  
    color:rgb(58, 206, 9)  
}
```

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(58, 206, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 206, 9) }
```

## Border

The CSS property to change the border of an element to Android 4282043913 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(58, 206, 9) }
```

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

```
.border{ border-color:rgb(58, 206, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 206, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 206, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 206, 9);  
box-shadow:4px 4px 4px 4px rgb(58, 206, 9)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282043913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 206, 9) }
```

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

```
.background{ background-color: rgb(58, 206,  
9) }
```

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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