

# Converting Colors

Android(4281066823)

Have a look what the booklet for  
Android(4281066823) contains.

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**Color**

**Android(4281066823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BE547
RGB	43, 229, 71
RGB Percent	17%, 90%, 28%
CMY	0.8314, 0.1020, 0.7216
CMYK	0.81, 0.00, 0.69, 0.10
HSL	129°, 78%, 53%
HSV	129°, 81%, 90%
XYZ	30.1529, 57.0071, 15.3755
YIQ	155.3740, -60.1380, -88.5700

# Conversions

## Conversions Part 2

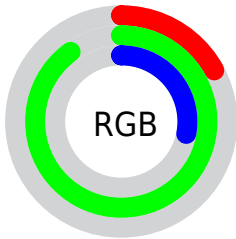
Format	Color
<a href="#">RYB</a>	<a href="#">43, 205, 229</a>
Decimal	<a href="#">2876743</a>
CIELab	<a href="#">80.18, -73.57, 61.69</a>
CIELCh	<a href="#">80, 96.012, 140.023</a>
Yxy	<a href="#">57.0071, 0.2941, 0.5560</a>
Android (android.graphics.Color)	<a href="#">4281066823 (0xFF2BE547)</a>
YUV	<a href="#">155.3740, -41.5964, -98.5520</a>
Hunter-Lab	<a href="#">75.5031, -60.8446, 40.7783</a>

# Details

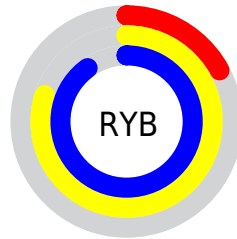
The Android color `4281066823` is a dark color, and the websafe version is hex `00CC33`. The color can be described as dark washed green. A complement of this color would be `4293209033`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4286250879`, and `4278234112` is the 20% darker color. If you saturate the color by 10%, you get `4279559476`, and if you desaturate by 10%, it is `4282574170`.

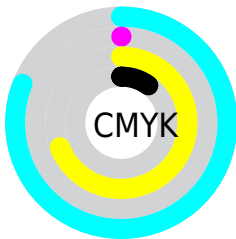
# Distribution



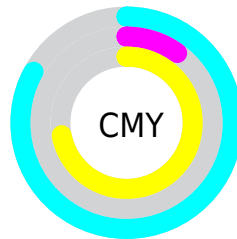
- Red (17%)
- Green (90%)
- Blue (28%)



- Red (17%)
- Yellow (80%)
- Blue (90%)



- Cyan (81%)
- Magenta (0%)
- Yellow (69%)
- Black (10%)




- Cyan (83%)
- Magenta (10%)
- Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281066823 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 4281066823 by changing the saturation by 10% instead.



 4281066823

 4281066823

4294967295

 4278241321

 4286250879

 4278234112

 4288413595

 4278226944

 4290510775

 4278220032

 4292542420

 4278213376

 4294639601


 4278206976

 4278200320

 4278190336

 4278190080

 4281066823

 4281066823

 4279559476

 4282574170

 4278248738


 4284081518

 4285588865

 4287096213

 4288603560

 4290045372

 4291552719

 4293060067

 4294567414

# Harmonies

## Analogous

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



4290106624



4281066823



4278250917

# Triad

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



4281066823



4278246399



4294928271

# Complementary

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



4281066823



4293209033

# 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.



4294927849



4281066823



4286168319

# Square

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



4281066823



4278250239



4294938879



4294938682

# Rectangle

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



4281066823



4278251492



4294938879



4294926509

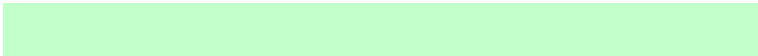


# Sweetspot

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



4281066823



4290969547



4291421483



4284186720



4278190080



4286611584



# Same Dimension

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



4281066823



4278779693



4281066916



4284969833



4278235931



4278203144



# Inverse Universe

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



4293209033



4294904026



4293208940



4285753201



4289921176

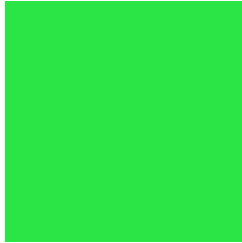


4281532459



# Previews

## White Background



This preview shows how the Android color 4281066823 looks on a white background.

## Color Contrast Check

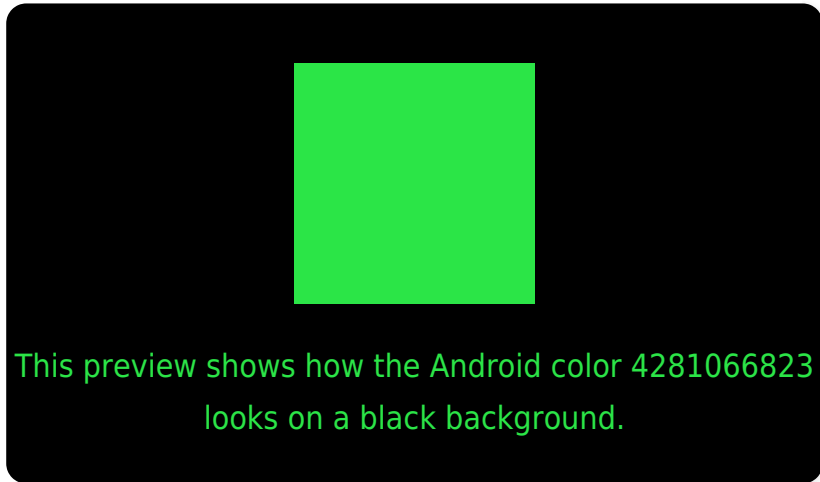
Large Text (above 18pt) WCAG AA × Fail

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 4281066823 Background



This preview shows how black text looks on a background with the Android color 4281066823.

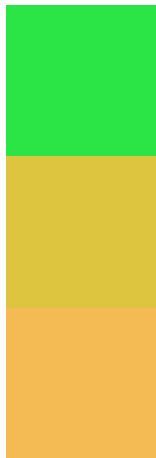


This preview shows how white text looks on a background with the Android color 4281066823.

# 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**  
4281066823

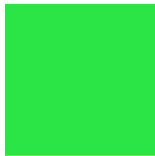
**Protanopia**  
4292724031

**Deuteranopia**  
4294228821



**Tritanopia**  
4284864231

# Trichromacy



**Original Color**

4281066823



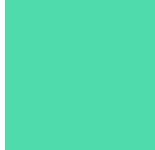
**Protanomaly**

4288467266



**Deuteranomaly**

4289448528



**Tritanomaly**

4283489197

# Monochromacy



**Original Color**

4281066823



**Achromatopsia**

4288387995



**Achromatomaly**

4285707900

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281066823 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(43, 229, 71)` looks like.

```
.text, #text, p{  
    color:rgb(43, 229, 71)  
}
```

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(43, 229, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 229, 71) }
```

## Border

The CSS property to change the border of an element to Android 4281066823 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(43, 229, 71) }
```

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

```
.border{ border-color:rgb(43, 229, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 229, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 229, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 229, 71);  
box-shadow:4px 4px 4px 4px rgb(43, 229,  
71) }
```

# Background

The CSS property to change the background color of an element to Android 4281066823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 229, 71) }
```

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

```
.background{ background-color: rgb(43, 229,  
71) }
```

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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