

# Converting Colors

Android(4278243641)

Have a look what the booklet for  
Android(4278243641) contains.

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# **Color**

**Android(4278243641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D139
RGB	0, 209, 57
RGB Percent	0%, 82%, 22%
CMY	1.0000, 0.1804, 0.7765
CMYK	1.00, 0.00, 0.73, 0.18
HSL	136°, 100%, 41%
HSV	136°, 100%, 82%
XYZ	23.5390, 45.8963, 11.4891
YIQ	129.1810, -75.7720, -91.5800

# Conversions

## Conversions Part 2

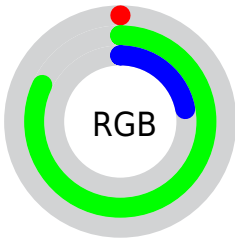
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 164, 209
Decimal	53561
CIELab	73.48, -71.69, 59.76
CIELCh	73, 93.333, 140.184
Yxy	45.8963, 0.2909, 0.5672
Android (android.graphics.Color)	4278243641 (0xFF00D139)
YUV	129.1810, -35.5852, -113.2917
Hunter-Lab	67.7468, -56.5362, 37.3678

# Details

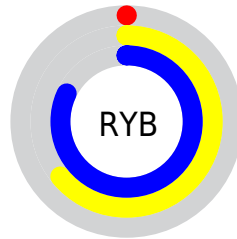
The Android color **4278243641** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **4291887256**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4285136753**, and **4278229248** is the 20% darker color. If you saturate the color by 10%, you get **4278243641**, and if you desaturate by 10%, it is **4279619912**.

# Distribution



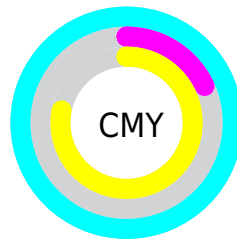
- Red (0%)
- Green (82%)
- Blue (22%)



- Red (0%)
- Yellow (64%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278243641 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 4278243641 by changing the saturation by 10% instead.



 4278243641

 4278243641

4294967295

 4278236440

 4285136753

 4278229248

 4287299468

 4278222336

 4289396648

 4278215424

 4291428293

 4278208768

 4293459938

 4278202624

 4278195200

 4278190080

 4278243641

 4279619912

 4280996183

 4282372455

 4283748726

 4285124997

 4286435732

 4287812003

 4289188275

 4290564546

# Harmonies

## Analogous

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



4288856576



4278243641



4278245524

# Triad

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



4278243641



4278241279



4294923647

# Complementary

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



4278243641



4291887256

# 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.



4294923220



4278243641



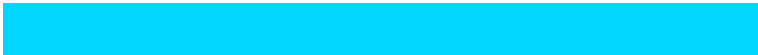
4284918527

# Square

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



4278243641



4278245119



4294803455



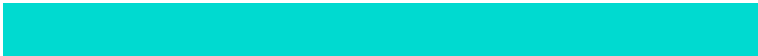
4294934316

# Rectangle

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



4278243641



4278246096



4294803455



4294921627

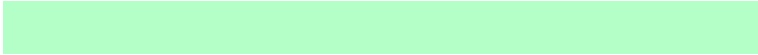


# Sweetspot

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



4278243641



4289986503



4288270592



4283596894



4278190080



4286611584



# Same Dimension

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



4278243641



4278255430



4278243744



4284377441



4278233134



4278200587



# Inverse Universe

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



4291887256



4294901945



4291887153



4285095526



4289200250

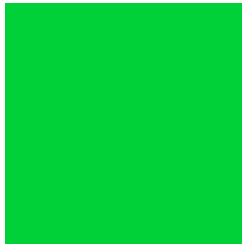


4280877086



# Previews

## White Background



This preview shows how the Android color 4278243641 looks on a white background.

## Color Contrast Check

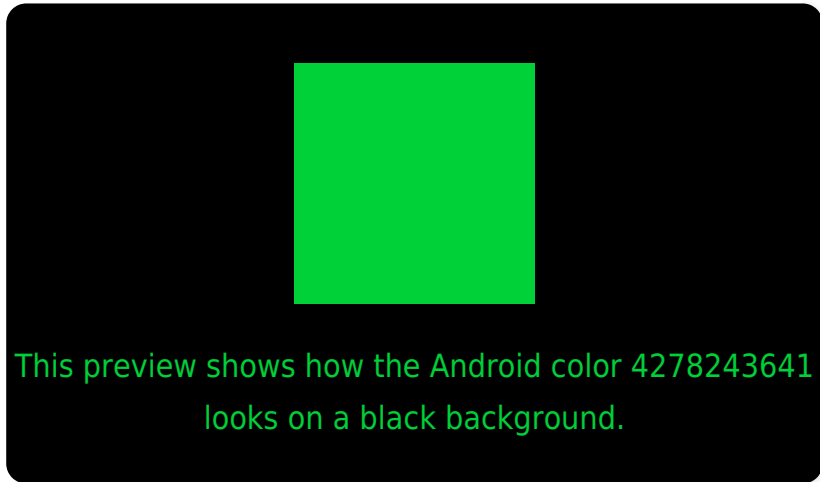
Large Text (above 18pt) WCAG AA × Fail

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 4278243641 Background



This preview shows how black text looks on a background with the Android color 4278243641.



This preview shows how white text looks on a background with the Android color 4278243641.

# 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**  
4278243641

**Protanopia**  
4291408689

**Deuteranopia**  
4292848200



# Trichromacy



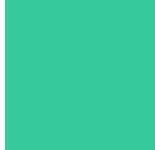
**Original Color**  
4278243641



**Protanomaly**  
4286627380



**Deuteranomaly**  
4287543363



**Tritanomaly**  
4281845915

# Monochromacy



**Original Color**  
4278243641



**Achromatopsia**  
4286677377



**Achromatomaly**  
4283604583

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278243641 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(0, 209, 57)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 57)  
}
```

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(0, 209, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 57) }
```

## Border

The CSS property to change the border of an element to Android 4278243641 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(0, 209, 57) }
```

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

```
.border{ border-color:rgb(0, 209, 57) }
```

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

Here you see how a box with a 4 pixel rgb(0, 209, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 57);  
box-shadow:4px 4px 4px 4px rgb(0, 209, 57)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278243641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 57) }
```

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

```
.background{ background-color: rgb(0, 209,  
57) }
```

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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