

# Converting Colors

Android(4282238571)

Have a look what the booklet for  
Android(4282238571) contains.

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# **Color**

**Android(4282238571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DC66B
RGB	61, 198, 107
RGB Percent	24%, 78%, 42%
CMY	0.7608, 0.2235, 0.5804
CMYK	0.69, 0.00, 0.46, 0.22
HSL	140°, 55%, 51%
HSV	140°, 69%, 78%
XYZ	24.7724, 42.4418, 20.7964
YIQ	146.6630, -52.4410, -57.3450

# Conversions

## Conversions Part 2

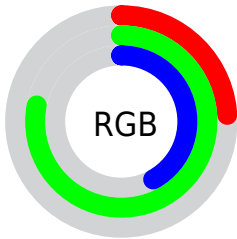
Format	Color
<a href="#">RYB</a>	<a href="#">61, 164, 198</a>
Decimal	<a href="#">4048491</a>
CIELab	<a href="#">71.17, -56.37, 35.12</a>
CIELCh	<a href="#">71, 66.415, 148.074</a>
Yxy	<a href="#">42.4418, 0.2815, 0.4822</a>
Android (android.graphics.Color)	<a href="#">4282238571</a> ( <a href="#">0xFF3DC66B</a> )
YUV	<a href="#">146.6630, -19.5539, -75.1265</a>
Hunter-Lab	<a href="#">65.1474, -46.1330, 26.6766</a>

# Details

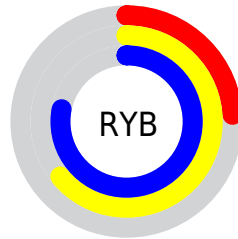
The Android color `4282238571` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4291181976`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4286447520`, and `4278226745` is the 20% darker color. If you saturate the color by 10%, you get `4280927838`, and if you desaturate by 10%, it is `4283549304`.

# Distribution



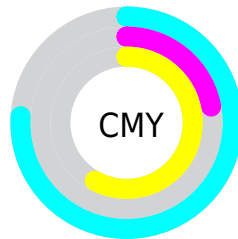
- Red (24%)
- Green (78%)
- Blue (42%)



- Red (24%)
- Yellow (64%)
- Blue (78%)



- Cyan (69%)
- Magenta (0%)
- Yellow (46%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282238571 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 4282238571 by changing the saturation by 10% instead.



 4282238571

 4282238571

4294967295

 4278954578

 4286447520

 4278226745

 4288413627

 4278219809

 4290314199

 4278213126

 4292280308

 4278206720

 4294311935

 4278201088

 4278192128

 4278190080

 4282238571

 4282238571

 4280927838

 4283549304

 4279617105

 4284860037

 4278371908


 4286105234

 4278240834

 4287415968

 4288726701

 4290037434

 4291348167

 4292593364

 4293904097

# Harmonies

## Analogous

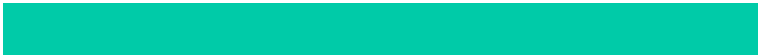
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288002874



4282238571



4278242216

# Triad

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



4282238571



4278236927



4294933625

# Complementary

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



4282238571



4291181976

# 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.



4294931893



4282238571



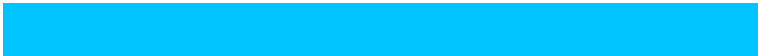
4289241343

# Square

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



4282238571



4278240511



4294215407



4294939462

# Rectangle

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



4282238571



4278242258



4294215407



4294932364

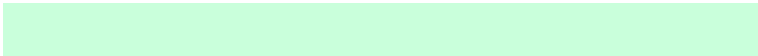


# Sweetspot

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



4282238571



4291428315



4288202301



4284514410



4278190080



4286611584



# Same Dimension

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



4282238571



4281073522



4282238639



4284113757



4278231863



4278199308



# Inverse Universe

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



4291181976



4294912952



4291181908



4284701280



4288872556



4280549400



# Previews

## White Background



This preview shows how the Android color 4282238571 looks on a white background.

## Color Contrast Check

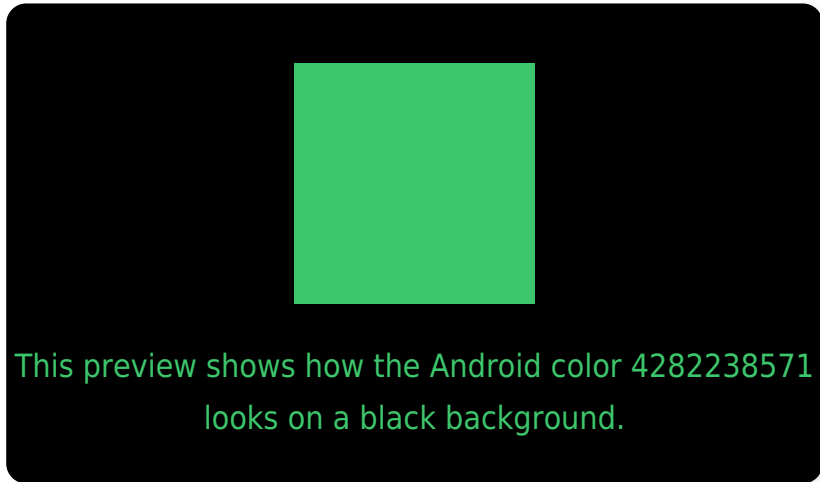
Large Text (above 18pt) WCAG AA × Fail

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

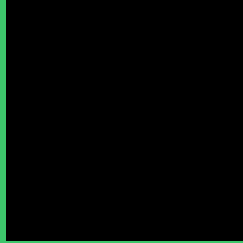
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282238571 Background



This preview shows how black text looks on a background with the Android color 4282238571.



This preview shows how white text looks on a background with the Android color 4282238571.

# 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**

4282238571



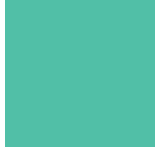
**Protanomaly**

4287608421



**Deuteranomaly**

4288328048



**Tritanomaly**

4283547559

# Monochromacy



**Original Color**

4282238571



**Achromatopsia**

4287861651



**Achromatomaly**

4285834884

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282238571 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, 198, 107)` looks like.

```
.text, #text, p{  
    color:rgb(61, 198, 107)  
}
```

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, 198, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 198, 107) }
```

## Border

The CSS property to change the border of an element to Android 4282238571 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, 198, 107) }
```

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

```
.border{ border-color:rgb(61, 198, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 198, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 198, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 198, 107);  
box-shadow:4px 4px 4px 4px rgb(61, 198,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4282238571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 198, 107) }
```

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

```
.background{ background-color: rgb(61, 198,  
107) }
```

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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