

# Converting Colors

Android(4282702660)

Have a look what the booklet for  
Android(4282702660) contains.

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# **Color**

**Android(4282702660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44DB44
RGB	68, 219, 68
RGB Percent	27%, 86%, 27%
CMY	0.7333, 0.1412, 0.7333
CMYK	0.69, 0.00, 0.69, 0.14
HSL	120°, 68%, 56%
HSV	120°, 69%, 86%
XYZ	28.7588, 52.3093, 14.0498
YIQ	156.6370, -41.5250, -78.9730

# Conversions

## Conversions Part 2

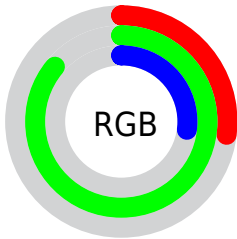
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 219, 219
Decimal	4512580
CIELab	77.47, -67.20, 60.08
CIELCh	77, 90.141, 138.199
Yxy	52.3093, 0.3023, 0.5499
Android (android.graphics.Color)	4282702660 (0xFF44DB44)
YUV	156.6370, -43.6980, -77.7346
Hunter-Lab	72.3252, -55.5918, 39.1100

# Details

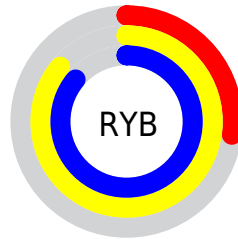
The Android color **4282702660** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **4292560091**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4287102843**, and **4278231808** is the 20% darker color. If you saturate the color by 10%, you get **4281260846**, and if you desaturate by 10%, it is **4284144474**.

# Distribution



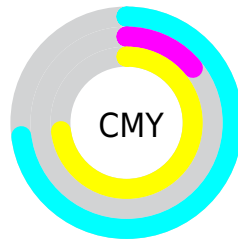
- Red (27%)
- Green (86%)
- Blue (27%)



- Red (27%)
- Yellow (86%)
- Blue (86%)



- Cyan (69%)
- Magenta (0%)
- Yellow (69%)
- Black (14%)



- Cyan (73%)
- Magenta (14%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282702660 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 4282702660 by changing the saturation by 10% instead.



 4282702660

 4282702660

4294967295


 4279156262

 4287102843

 4278231808

 4289134487

 4278224640

 4291166131

 4278217984

 4293197776

 4278211328

 4294967277

 4278205184

 4278198528

 4278190080

 4282702660

 4282702660

 4281260846

 4284144474

 4279819032

 4285586288

 4278377218

 4287028102

 4278246144

 4288469916

 4289911730

 4291288007

 4292729821

 4294171635

 4294958079

# Harmonies

## Analogous

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



4290104064



4282702660



4278248346

# Triad

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



4282702660



4278244351



4294928273

# Complementary

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



4282702660



4292560091

# 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.



4294928868



4282702660



4285315071

# Square

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



4282702660



4278247935



4294938879



4294937154

# Rectangle

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



4282702660



4278248917



4294938879



4294927020

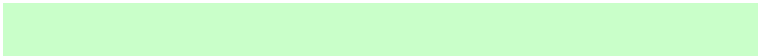


# Sweetspot

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



4282702660



4291428297



4292598596



4284514400



4278190080



4286611584



# Same Dimension

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



4282702660



4281073451



4282702736



4284706403



4278234368



4278201856



# Inverse Universe

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



4292560091



4294913023



4292560016



4285424494



4289527981

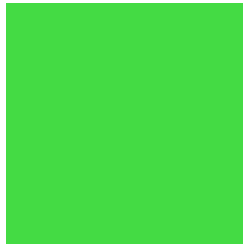


4281204782



# Previews

## White Background



This preview shows how the Android color 4282702660 looks on a white background.

## Color Contrast Check

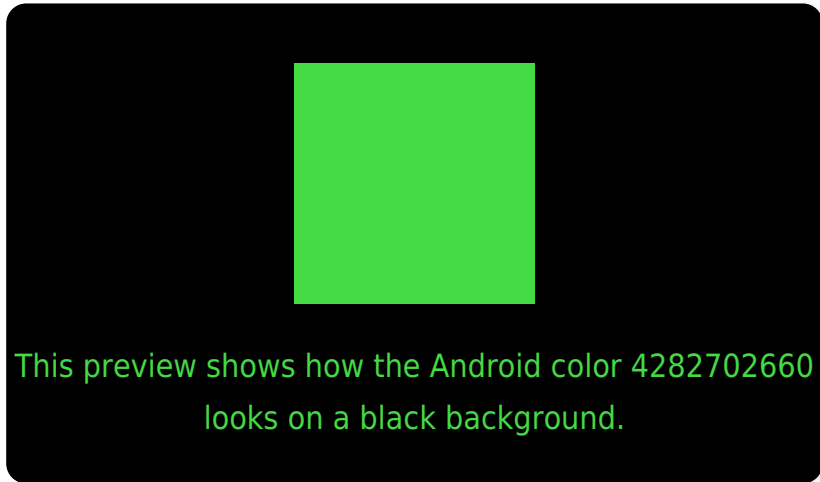
Large Text (above 18pt) WCAG AA × Fail

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 4282702660 Background



This preview shows how black text looks on a background with the Android color 4282702660.



This preview shows how white text looks on a background with the Android color 4282702660.

# 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**

4282702660



**Protanomaly**

4288727359



**Deuteranomaly**

4289643084



**Tritanomaly**

4284404389

# Monochromacy



**Original Color**

4282702660



**Achromatopsia**

4288519581



**Achromatomaly**

4286428285

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282702660 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(68, 219, 68)` looks like.

```
.text, #text, p{  
    color:rgb(68, 219, 68)  
}
```

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(68, 219, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 219, 68) }
```

## Border

The CSS property to change the border of an element to Android 4282702660 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(68, 219, 68) }
```

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

```
.border{ border-color:rgb(68, 219, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 219, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 219, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 219, 68);  
box-shadow:4px 4px 4px 4px rgb(68, 219,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4282702660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 219, 68) }
```

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

```
.background{ background-color: rgb(68, 219,  
68) }
```

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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