

Converting Colors

Android(4282253155)

Have a look what the booklet for
Android(4282253155) contains.

Android(4282253155)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282253155)

Conversions

Conversions Part 1

Format	Color
Hex	3DFF63
RGB	61, 255, 99
RGB Percent	24%, 100%, 39%
CMY	0.7608, 0.0000, 0.6118
CMYK	0.76, 0.00, 0.61, 0.00
HSL	132°, 100%, 62%
HSV	132°, 76%, 100%
XYZ	39.9366, 73.4130, 23.8696
YIQ	179.2100, -65.5480, -89.6440

Conversions

Conversions Part 2

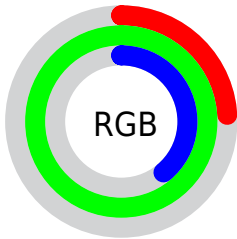
Format	Color
RYB	61, 223, 255
Decimal	4063075
CIELab	88.64, -76.56, 59.83
CIELCh	89, 97.161, 141.993
Yxy	73.4130, 0.2910, 0.5350
Android (android.graphics.Color)	4282253155 (0xFF3DFF63)
YUV	179.2100, -39.5435, -103.6702
Hunter-Lab	85.6814, -66.7424, 43.4596

Details

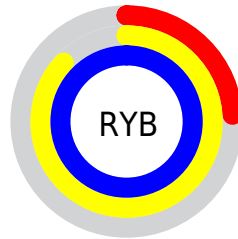
The Android color `4282253155` is a dark color, and the websafe version is hex `33FF66`. The color can be described as middle washed spring green. A complement of this color would be `4294917593`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4287233946`, and `4278240554` is the 20% darker color. If you saturate the color by 10%, you get `4280549198`, and if you desaturate by 10%, it is `4283957112`.

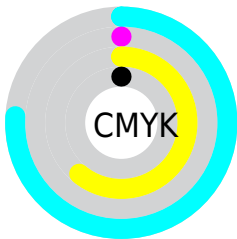
Distribution



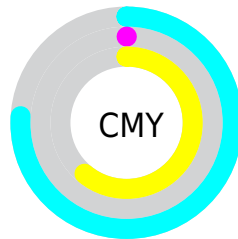
- Red (24%)
- Green (100%)
- Blue (39%)



- Red (24%)
- Yellow (87%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282253155 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 4282253155 by changing the saturation by 10% instead.



4282253155



4282253155

4294967295



4278248007



4287233946



4278240554



4289396663



4278233088



4291493843



4278226176



4293525489



4278219008



4278212352



4278206208



4278199296



4278190080

 4282253155

 4282253155

 4280549198

 4283957112

 4278910778

 4285595532

 4278255410

 4287299489

 4288937909

 4290641866

 4292280286

 4293984243

4294967295

Harmonies

Analogous

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



4291358208



4282253155



4278255554

Triad

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



4282253155



4278252031



4294935455

Complementary

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



4282253155



4294917593

Split Complementary

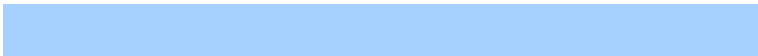
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294934524



4282253155



4289122815

Square

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



4282253155



4278255615



4294943999



4294945354

Rectangle

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



4282253155



4278255615



4294943999



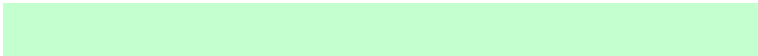
4294933693

Sweetspot

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



4282253155



4291100624



4292607805



4284252259



4278190080



4286611584

Same Dimension

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



4282253155



4279762756



4282253250



4285759605



4278239013



4278206476

Inverse Universe

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



4294917593



4294907858



4294917498



4286608253



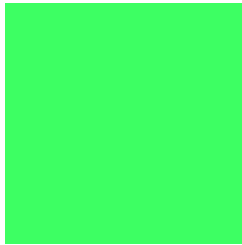
4290707610



4282384435

Previews

White Background



This preview shows how the Android color 4282253155 looks on a white background.

Color Contrast Check

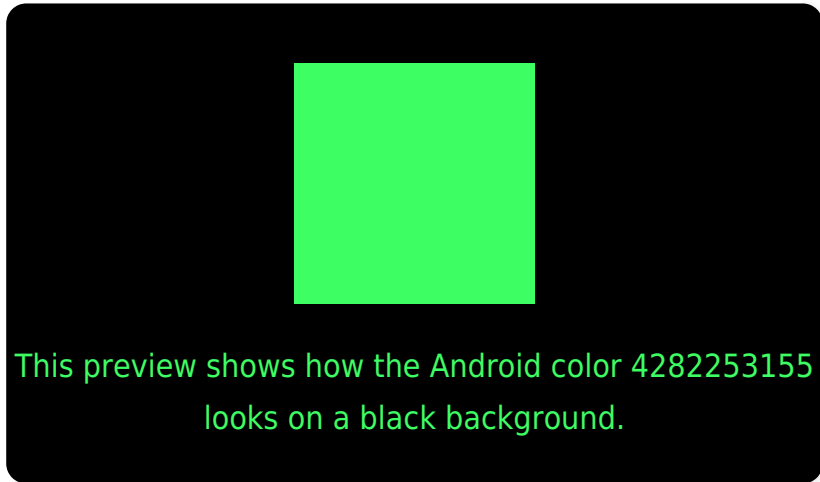
Large Text (above 18pt) WCAG AA × Fail

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 4282253155 Background



This preview shows how black text looks on a background with the Android color 4282253155.

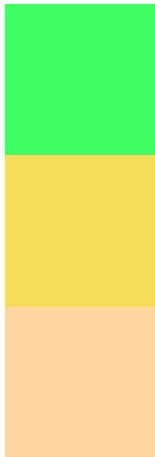


This preview shows how white text looks on a background with the Android color 4282253155.

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
4282253155

Protanopia
4294303065

Deuteranopia
4294956447



Tritanopia
4286770687

Trichromacy



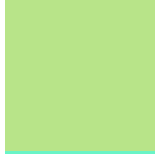
Original Color

4282253155



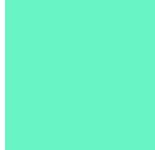
Protanomaly

4289915229



Deuteranomaly

4290307209



Tritanomaly

4285134022

Monochromacy



Original Color

4282253155



Achromatopsia

4289967027



Achromatomaly

4287156118

CSS Examples

Text

The CSS property to change the color of the text to Android 4282253155 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, 255, 99)` looks like.

```
.text, #text, p{  
    color:rgb(61, 255, 99)  
}
```

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, 255, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 255, 99) }
```

Border

The CSS property to change the border of an element to Android 4282253155 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, 255, 99) }
```

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

```
.border{ border-color:rgb(61, 255, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 255, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(61, 255,  
99) }
```

Background

The CSS property to change the background color of an element to Android 4282253155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 255, 99) }
```

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

```
.background{ background-color: rgb(61, 255,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor