

Converting Colors

Android(4282777451)

Have a look what the booklet for
Android(4282777451) contains.

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Color

Android(4282777451)

Conversions

Conversions Part 1

Format	Color
Hex	45FF6B
RGB	69, 255, 107
RGB Percent	27%, 100%, 42%
CMY	0.7294, 0.0000, 0.5804
CMYK	0.73, 0.00, 0.58, 0.00
HSL	132°, 100%, 64%
HSV	132°, 73%, 100%
XYZ	40.8681, 73.8467, 26.0098
YIQ	182.5140, -63.3480, -85.4600

Conversions

Conversions Part 2

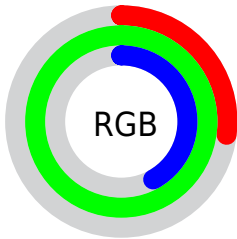
Format	Color
RYB	69, 223, 255
Decimal	4587371
CIELab	88.85, -74.55, 56.68
CIElCh	89, 93.654, 142.756
Yxy	73.8467, 0.2904, 0.5248
Android (android.graphics.Color)	4282777451 (0xFF45FF6B)
YUV	182.5140, -37.2284, -99.5518
Hunter-Lab	85.9341, -65.4947, 42.2085

Details

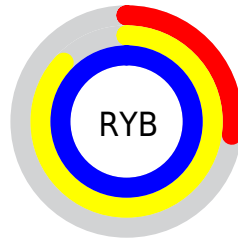
The Android color `4282777451` is a dark color, and the websafe version is hex `33FF66`. The color can be described as middle washed spring green. A complement of this color would be `4294919641`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4287496098`, and `4278240564` is the 20% darker color. If you saturate the color by 10%, you get `4281073495`, and if you desaturate by 10%, it is `4284415871`.

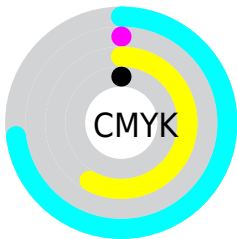
Distribution



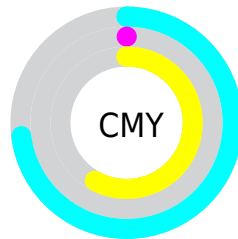
- Red (27%)
- Green (100%)
- Blue (42%)



- Red (27%)
- Yellow (87%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (73%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282777451 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 4282777451 by changing the saturation by 10% instead.

 4282777451

 4282777451

4294967295


 4278248016

 4287496098

 4278240564

 4289658814

 4278233106

 4291690459

 4278226176

 4293787640

 4278219264

 4278212352

 4278206208

 4278199552

 4278190080

■ 4282777451

■ 4282777451

■ 4281073495

■ 4284415871

■ 4279435074

■ 4286119828

■ 4278255412

■ 4287823784

■ 4289462204

■ 4291100624

■ 4292804581

■ 4294443001

4294967295

Harmonies

Analogous

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



4291358467



4282777451



4278255558

Triad

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



4282777451



4278251775



4294937248

Complementary

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



4282777451



4294919641

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.



4294936057



4282777451



4289843711

Square

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



4282777451



4278255615



4294944767



4294946383

Rectangle

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



4282777451



4278255615



4294944767



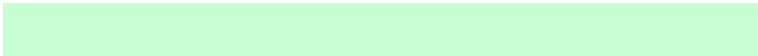
4294935485

Sweetspot

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



4282777451



4291297234



4292542277



4284383333



4278190080



4286611584

Same Dimension

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



4282777451



4280287052



4282777543



4285759605



4278239015



4278206477

Inverse Universe

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



4294919641



4294909905



4294919549



4286608253



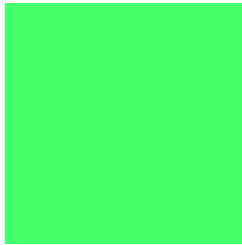
4290707608



4282384435

Previews

White Background



This preview shows how the Android color 4282777451 looks on a white background.

Color Contrast Check

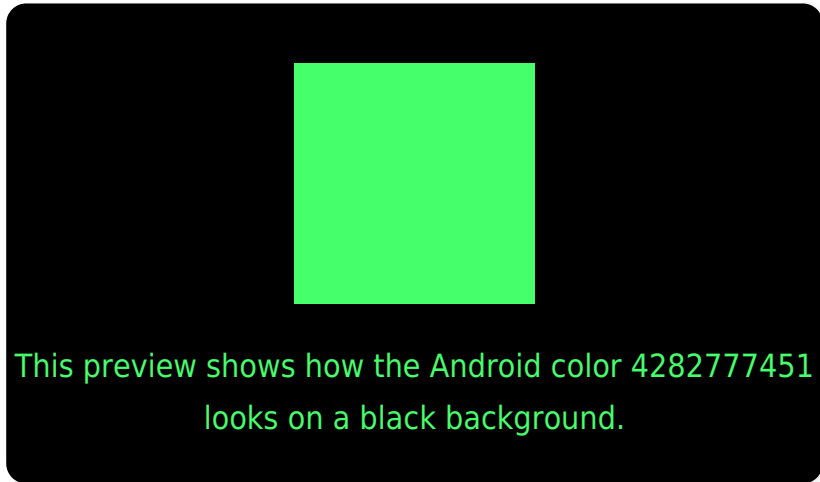
Large Text (above 18pt) WCAG AA × Fail

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 4282777451 Background



This preview shows how black text looks on a background with the Android color 4282777451.

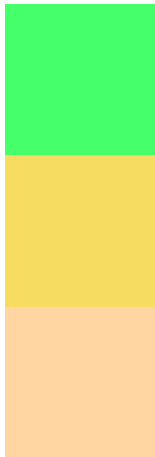


This preview shows how white text looks on a background with the Android color 4282777451.

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
4282777451

Protanopia
4294368609

Deuteranopia
4294956706



Tritanopia
4287032831

Trichromacy



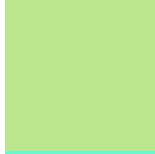
Original Color

4282777451



Protanomaly

4290177381



Deuteranomaly

4290504078



Tritanomaly

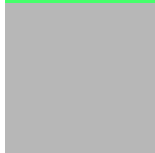
4285461705

Monochromacy



Original Color

4282777451



Achromatopsia

4290230199



Achromatomaly

4287549851

CSS Examples

Text

The CSS property to change the color of the text to Android 4282777451 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(69, 255, 107)` looks like.

```
.text, #text, p{  
    color:rgb(69, 255, 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(69, 255, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 255, 107) }
```

Border

The CSS property to change the border of an element to Android 4282777451 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(69, 255, 107) }
```

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

```
.border{ border-color:rgb(69, 255, 107) }
```

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

Here you see how a box with a 4 pixel rgb(69, 255, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 255, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 255, 107);  
box-shadow:4px 4px 4px 4px rgb(69, 255,  
107) }
```

Background

The CSS property to change the background color of an element to Android 4282777451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 255, 107) }
```

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

```
.background{ background-color: rgb(69, 255,  
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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