

Converting Colors

Android(4281597813)

Have a look what the booklet for
Android(4281597813) contains.

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Color

Android(4281597813)

Conversions

Conversions Part 1

Format	Color
Hex	33FF75
RGB	51, 255, 117
RGB Percent	20%, 100%, 46%
CMY	0.8000, 0.0000, 0.5412
CMYK	0.80, 0.00, 0.54, 0.00
HSL	139°, 100%, 60%
HSV	139°, 80%, 100%
XYZ	40.3361, 73.5082, 28.8922
YIQ	178.2720, -77.2860, -86.1660

Conversions

Conversions Part 2

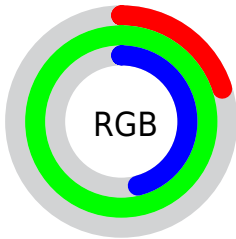
Format	Color
RYB	51, 205, 255
Decimal	3407733
CIELab	88.69, -75.51, 51.98
CIELCh	89, 91.669, 145.456
Yxy	73.5082, 0.2826, 0.5150
Android (android.graphics.Color)	4281597813 (0xFF33FF75)
YUV	178.2720, -30.2071, -111.6175
Hunter-Lab	85.7369, -66.0618, 40.0359

Details

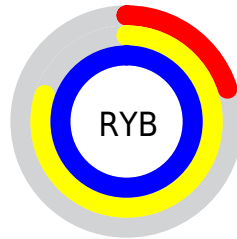
The Android color **4281597813** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **4294915005**, and the grayscale version is **4289967027**.

A 20% lighter version of the original color is **4286840748**, and **4278240576** is the 20% darker color. If you saturate the color by 10%, you get **4279893860**, and if you desaturate by 10%, it is **4283301766**.

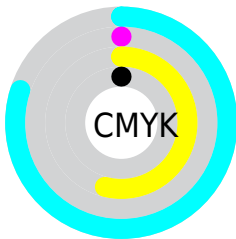
Distribution



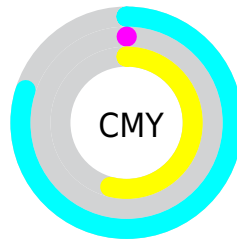
- Red (20%)
- Green (100%)
- Blue (46%)



- Red (20%)
- Yellow (80%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281597813 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 4281597813 by changing the saturation by 10% instead.

 4281597813

 4281597813

4294967295


 4278248026

 4286840748

 4278240576

 4289003464

 4278233123

 4291100645

 4278226176

 4293197823

 4278219264

 4278212352

 4278206208

 4278199552

 4278190080

■ 4281597813

■ 4281597813

■ 4279893860

■ 4283301766

■ 4278255443

■ 4284940184

■ 4286644137

■ 4288282554

■ 4289986507

■ 4291624925

■ 4293328878

4294967295

Harmonies

Analogous

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



4290834463



4281597813



4278255566

Triad

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



4281597813



4278251007



4294938521

Complementary

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



4281597813



4294915005

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.



4294936304



4281597813



4290956799

Square

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



4281597813



4278255615



4294943999



4294947403

Rectangle

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



4281597813



4278255615



4294943999



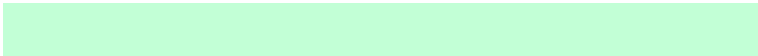
4294936501

Sweetspot

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



4281597813



4290969558



4290707251



4284186726



4278190080



4286611584

Same Dimension

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



4281597813



4278910809



4281597914



4285759607



4278239038



4278206485

Inverse Universe

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



4294915005



4294904496



4294914904



4286608251



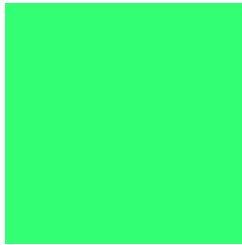
4290707585



4282384427

Previews

White Background



This preview shows how the Android color 4281597813 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



This preview shows how the Android color 4281597813 looks on a 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 4281597813 Background



This preview shows how black text looks on a background with the Android color 4281597813.

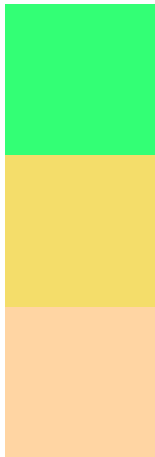


This preview shows how white text looks on a background with the Android color 4281597813.

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
4281597813

Protanopia
4294237546

Deuteranopia
4294956451

Trichromacy



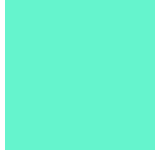
Original Color
4281597813



Protanomaly
4289653102

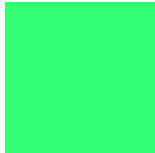


Deuteranomaly
4290110610



Tritanomaly
4284871885

Monochromacy



Original Color
4281597813



Achromatopsia
4289901234



Achromatomaly
4286893724

CSS Examples

Text

The CSS property to change the color of the text to Android 4281597813 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(51, 255, 117)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 117)  
}
```

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(51, 255, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 117) }
```

Border

The CSS property to change the border of an element to Android 4281597813 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(51, 255, 117) }
```

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

```
.border{ border-color:rgb(51, 255, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 117);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4281597813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 117) }
```

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

```
.background{ background-color: rgb(51, 255,  
117) }
```

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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