

Converting Colors

Android(4280417805)

Have a look what the booklet for
Android(4280417805) contains.

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Color

Android(4280417805)

Conversions

Conversions Part 1

Format	Color
Hex	21FE0D
RGB	33, 254, 13
RGB Percent	13%, 100%, 5%
CMY	0.8706, 0.0039, 0.9490
CMYK	0.87, 0.00, 0.95, 0.00
HSL	115°, 99%, 52%
HSV	115°, 95%, 100%
XYZ	36.1417, 71.2360, 12.2258
YIQ	160.4470, -54.3550, -121.8030

Conversions

Conversions Part 2

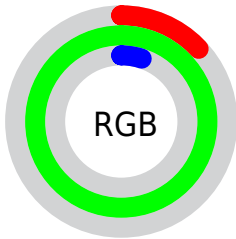
Format	Color
RYB	13, 254, 234
Decimal	2227725
CIELab	87.60, -84.31, 82.13
CIELCh	88, 117.705, 135.750
Yxy	71.2360, 0.3022, 0.5956
Android (android.graphics.Color)	4280417805 (0xFF21FE0D)
YUV	160.4470, -72.6914, -111.7710
Hunter-Lab	84.4014, -71.2668, 50.4926

Details

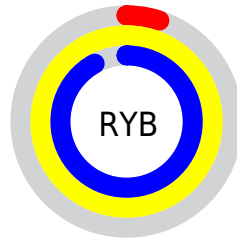
The Android color `4280417805` is a dark color, and the websafe version is hex `33FF00`. The color can be described as dark saturated green. A complement of this color would be `4293529086`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4286512991`, and `4278240000` is the 20% darker color. If you saturate the color by 10%, you get `4279631360`, and if you desaturate by 10%, it is `4281925158`.

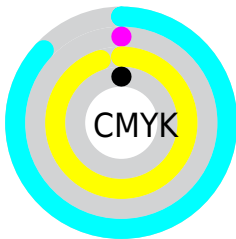
Distribution



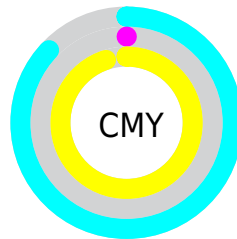
- Red (13%)
- Green (100%)
- Blue (5%)



- Red (5%)
- Yellow (100%)
- Blue (92%)



- Cyan (87%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280417805 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 4280417805 by changing the saturation by 10% instead.



4280417805



4280417805

4294967295



4278247424



4286512991



4278240000



4288806782



4278232832



4290969499



4278225664



4293132217



4278218752



4294967255



4278211840



4294967285



4278205440



4278198784



4278190080

■ 4280417805

■ 4280417805

■ 4279631360

■ 4281925158

■ 4283498048

■ 4285005401

■ 4286512755

■ 4288020108

■ 4289592997

■ 4291100351

■ 4292607704

■ 4294180594

Harmonies

Analogous

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



4292012288



4280417805



4278255520

Triad

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



4280417805



4278253823



4294919846

Complementary

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



4280417805



4293529086

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.



4294923519



4280417805



4278245119

Square

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



4280417805



4278255615



4294941951



4294937143

Rectangle

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



4280417805



4278255599



4294941951



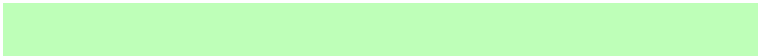
4294917067

Sweetspot

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



4280417805



4290707384



4294896141



4283990100



4278190080



4286611584

Same Dimension

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



4280417805



4279631616



4279107185



4285825139



4279287552



4278534144

Inverse Universe

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



4293529086



4293525759



4294839706



4286477184



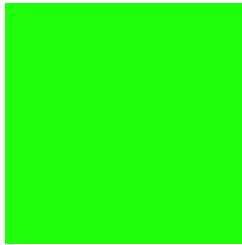
4289659071



4281991232

Previews

White Background



This preview shows how the Android color 4280417805 looks on a white background.

Color Contrast Check

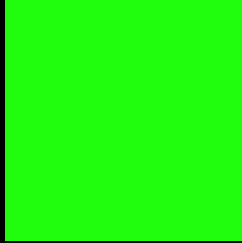
Large Text (above 18pt) WCAG AA × Fail

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 4280417805 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 4280417805 Background



This preview shows how black text looks on a background with the Android color 4280417805.



This preview shows how white text looks on a background with the Android color 4280417805.

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

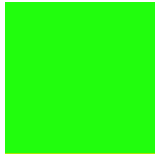


Original Color
4280417805

Protanopia
4294302208

Deuteranopia
4294955661

Trichromacy



Original Color

4280417805



Protanomaly

4289259269



Deuteranomaly

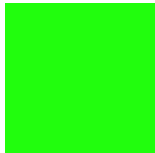
4289651294



Tritanomaly

4283691943

Monochromacy



Original Color

4280417805



Achromatopsia

4288716960



Achromatomaly

4285710955

CSS Examples

Text

The CSS property to change the color of the text to Android 4280417805 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(33, 254, 13)` looks like.

```
.text, #text, p{  
    color:rgb(33, 254, 13)  
}
```

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(33, 254, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 254, 13) }
```

Border

The CSS property to change the border of an element to Android 4280417805 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(33, 254, 13) }
```

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

```
.border{ border-color:rgb(33, 254, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 254, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 254, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 254, 13);  
box-shadow:4px 4px 4px 4px rgb(33, 254,  
13) }
```

Background

The CSS property to change the background color of an element to Android 4280417805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 254, 13) }
```

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

```
.background{ background-color: rgb(33, 254,  
13) }
```

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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