

Converting Colors

Android(4281852416)

Have a look what the booklet for
Android(4281852416) contains.

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Color

Android(4281852416)

Conversions

Conversions Part 1

Format	Color
Hex	37E200
RGB	55, 226, 0
RGB Percent	22%, 89%, 0%
CMY	0.7843, 0.1137, 1.0000
CMYK	0.76, 0.00, 1.00, 0.11
HSL	105°, 100%, 44%
HSV	105°, 100%, 89%
XYZ	28.7719, 55.2049, 9.1392
YIQ	149.1070, -29.3700, -106.5380

Conversions

Conversions Part 2

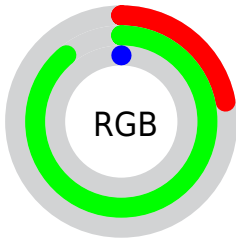
Format	Color
RYB	0, 226, 171
Decimal	3662336
CIELab	79.16, -74.45, 76.50
CIELCh	79, 106.745, 134.221
Yxy	55.2049, 0.3090, 0.5929
Android (android.graphics.Color)	4281852416 (0xFF37E200)
YUV	149.1070, -73.5098, -82.5318
Hunter-Lab	74.3000, -60.9028, 44.7171

Details

The Android color `4281852416` is a dark color, and the websafe version is hex `00CC00`. The color can be described as dark washed green. A complement of this color would be `4289396962`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4286775126`, and `4278233344` is the 20% darker color. If you saturate the color by 10%, you get `4281852416`, and if you desaturate by 10%, it is `4282966551`.

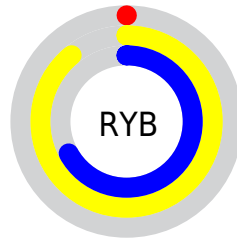
Distribution



Red (22%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (67%)

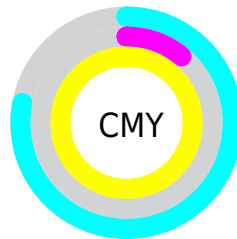


Cyan (76%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (78%)


Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281852416 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 4281852416 by changing the saturation by 10% instead.

 4281852416

 4281852416

4294967295

 4278240512

 4286775126

 4278233344

 4288937844

 4278226176

 4290969489

 4278219264

 4293066671

 4278212608


 4294967244

 4278206208

 4294967274

 4278199808

 4278190080

 4281852416

 4282966551

 4284080685

 4285194820


 4286308954

 4287488625

 4288602760

 4289716894

 4290831029

 4291945163

Harmonies

Analogous

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



4290891264



4281852416



4278250634

Triad

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



4281852416



4278247423



4294918298

Complementary

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



4281852416



4289396962

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.



4294922749



4281852416



4278239743

Square

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



4281852416



4278250751



4294938623



4294932792

Rectangle

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



4281852416



4278251216



4294938623



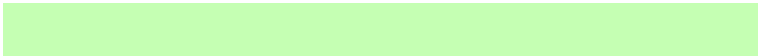
4294916539

Sweetspot

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



4281852416



4291166131



4293044736



4284317778



4278190080



4286611584

Same Dimension

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



4281852416



4282318592



4278247993



4285034597



4281053184



4278988800

Inverse Universe

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



4289396962



4290838783



4293001386



4285359472



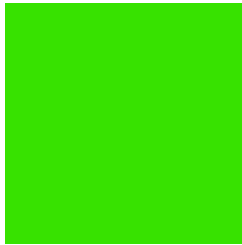
4286906544



4280614960

Previews

White Background



This preview shows how the Android color 4281852416 looks on a white background.

Color Contrast Check

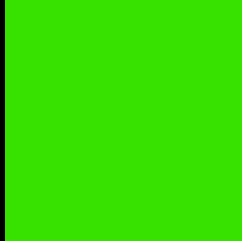
Large Text (above 18pt) WCAG AA × Fail

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 4281852416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

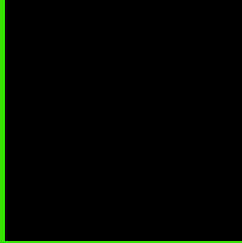
Any Text WCAG AA ✓ Pass

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 4281852416 Background



This preview shows how black text looks on a background with the Android color 4281852416.



This preview shows how white text looks on a background with the Android color 4281852416.

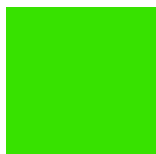
Color Blindness Simulation

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

4281852416



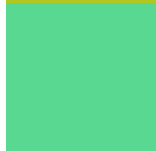
Protanomaly

4288663040



Deuteranomaly

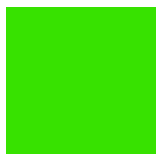
4289709855



Tritanomaly

4284012688

Monochromacy



Original Color

4281852416



Achromatopsia

4287993237



Achromatomaly

4285772127

CSS Examples

Text

The CSS property to change the color of the text to Android 4281852416 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(55, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(55, 226, 0)  
}
```

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(55, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 226, 0) }
```

Border

The CSS property to change the border of an element to Android 4281852416 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(55, 226, 0) }
```

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

```
.border{ border-color:rgb(55, 226, 0) }
```

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

Here you see how a box with a 4 pixel rgb(55, 226, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(55, 226, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4281852416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 226, 0) }
```

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

```
.background{ background-color: rgb(55, 226,  
0) }
```

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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