

Converting Colors

Android(4281714699)

Have a look what the booklet for
Android(4281714699) contains.

Android(4281714699)	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(4281714699)

Conversions

Conversions Part 1

Format	Color
Hex	35C80B
RGB	53, 200, 11
RGB Percent	21%, 78%, 4%
CMY	0.7922, 0.2157, 0.9569
CMYK	0.73, 0.00, 0.95, 0.22
HSL	107°, 90%, 41%
HSV	107°, 94%, 78%
XYZ	22.1829, 42.0896, 7.2716
YIQ	134.5010, -26.9430, -89.9430

Conversions

Conversions Part 2

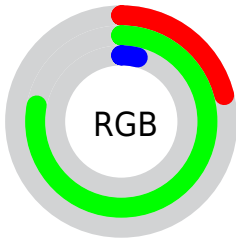
Format	Color
RYB	11, 200, 158
Decimal	3524619
CIELab	70.93, -66.87, 68.74
CIElCh	71, 95.898, 134.208
Yxy	42.0896, 0.3101, 0.5883
Android (android.graphics.Color)	4281714699 (0xFF35C80B)
YUV	134.5010, -60.8860, -71.4764
Hunter-Lab	64.8765, -52.5003, 38.7681

Details

The Android color `4281714699` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4288547784`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4286316372`, and `4278226944` is the 20% darker color. If you saturate the color by 10%, you get `4281124864`, and if you desaturate by 10%, it is `4282763295`.

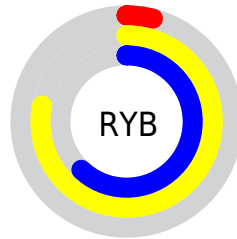
Distribution



Red (21%)

Green (78%)

Blue (4%)



Red (4%)

Yellow (78%)

Blue (62%)

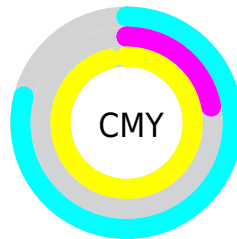


Cyan (73%)

Magenta (0%)

Yellow (95%)

Black (22%)



Cyan (79%)


Magenta (22%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281714699 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 4281714699 by changing the saturation by 10% instead.

 4281714699

 4281714699

4294967295

 4278234112

 4286316372

 4278226944

 4288348017

 4278220288

 4290379661

 4278213632

 4292411306

 4278206976


 4294442950

 4278200832

 4294967268

 4278191616

 4278190080

 4281714699

 4281714699

■ 4281124864

■ 4282763295

■ 4283746355

■ 4284794951

■ 4285778011

■ 4286826607

■ 4287809667

■ 4288858263

■ 4289841323

■ 4290889919

Harmonies

Analogous

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



4289443584



4281714699



4278243707

Triad

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



4281714699



4278240767



4294917512

Complementary

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



4281714699



4288547784

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.



4294921183



4281714699



4278234111

Square

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



4281714699



4278243839



4293099775



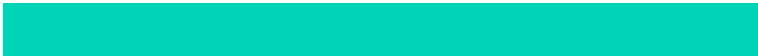
4294929459

Rectangle

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



4281714699



4278244280



4293099775



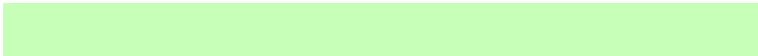
4294916261

Sweetspot

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



4281714699



4291297208



4291337227



4284383316



4278190080



4286611584

Same Dimension

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



4281714699



4281990912



4278962237



4284244826



4280591104



4278723584

Inverse Universe

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



4288547784



4291166463



4291300246



4284570211



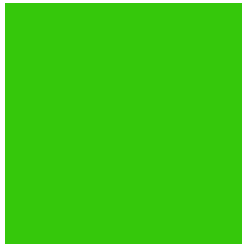
4286513315



4280025124

Previews

White Background



This preview shows how the Android color 4281714699 looks on a white background.

Color Contrast Check

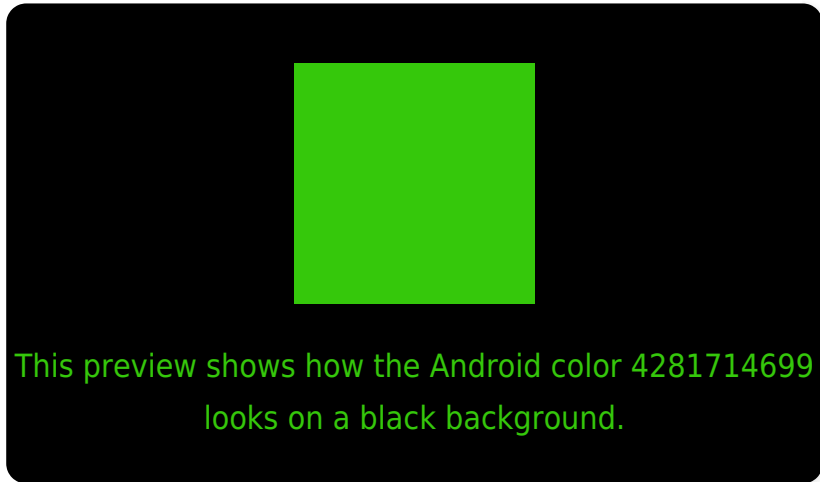
Large Text (above 18pt) WCAG AA × Fail

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 4281714699 Background



This preview shows how black text looks on a background with the Android color 4281714699.



This preview shows how white text looks on a background with the Android color 4281714699.

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
4281714699



Protanomaly
4287608580



Deuteranomaly
4288524320



Tritanomaly
4283547524

Monochromacy



Original Color
4281714699



Achromatopsia
4287072135



Achromatomaly
4285112154

CSS Examples

Text

The CSS property to change the color of the text to Android 4281714699 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(53, 200, 11)` looks like.

```
.text, #text, p{  
    color:rgb(53, 200, 11)  
}
```

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(53, 200, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 200, 11) }
```

Border

The CSS property to change the border of an element to Android 4281714699 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(53, 200, 11) }
```

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

```
.border{ border-color:rgb(53, 200, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 200, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 200, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 200, 11);  
box-shadow:4px 4px 4px 4px rgb(53, 200,  
11) }
```

Background

The CSS property to change the background color of an element to Android 4281714699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 200, 11) }
```

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

```
.background{ background-color: rgb(53, 200,  
11) }
```

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