

Converting Colors

Android(4282894080)

Have a look what the booklet for
Android(4282894080) contains.

Android(4282894080)	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(4282894080)

Conversions

Conversions Part 1

Format	Color
Hex	47C700
RGB	71, 199, 0
RGB Percent	28%, 78%, 0%
CMY	0.7216, 0.2196, 1.0000
CMYK	0.64, 0.00, 1.00, 0.22
HSL	99°, 100%, 39%
HSV	99°, 100%, 78%
XYZ	23.0220, 42.1864, 6.9294
YIQ	138.0420, -12.4090, -89.0250

Conversions

Conversions Part 2

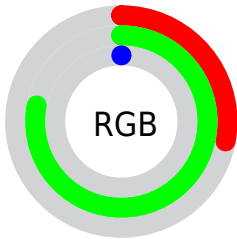
Format	Color
RYB	0, 199, 128
Decimal	4704000
CIELab	71.00, -63.32, 70.15
CIELCh	71, 94.500, 132.071
Yxy	42.1864, 0.3191, 0.5848
Android (android.graphics.Color)	4282894080 (0xFF47C700)
YUV	138.0420, -68.0547, -58.7958
Hunter-Lab	64.9511, -50.3950, 39.1403

Details

The Android color `4282894080` 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 `4286578887`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4287168337`, and `4278226944` is the 20% darker color. If you saturate the color by 10%, you get `4282894080`, and if you desaturate by 10%, it is `4283746068`.

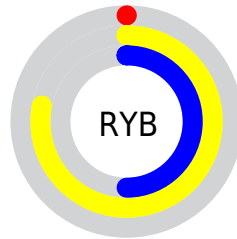
Distribution



Red (28%)

Green (78%)

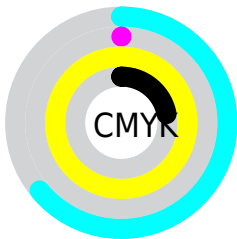
Blue (0%)



Red (0%)

Yellow (78%)

Blue (50%)

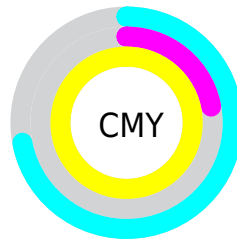


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (72%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282894080 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 4282894080 by changing the saturation by 10% instead.

 4282894080

 4282894080

4294967295


 4280003328

 4287168337

 4278226944

 4289134446

 4278220032

 4291100554

 4278213376

 4293132199

 4278206976

 4294967236

 4278200832

 4294967265

 4278191872

 4278190080

 4282894080

 4283746068

 4284598056

 4285384508

 4286236496

 4287088484

 4287940471

 4288792459

 4289578911

 4290430899

Harmonies

Analogous

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



4289901824



4282894080



4278243445

Triad

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



4282894080



4278241023



4294918287

Complementary

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



4282894080



4286578887

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.



4294922981



4282894080



4278234623

Square

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



4282894080



4278243839



4292510975



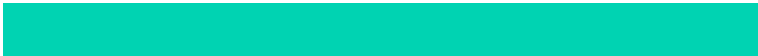
4294928956

Rectangle

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



4282894080



4278244274



4292510975



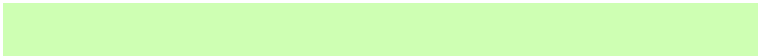
4294917548

Sweetspot

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



4282894080



4291755955



4291264000



4284645458



4278190080



4286611584

Same Dimension

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



4282894080



4284219136



4278241051



4284310362



4282032896



4279051264

Inverse Universe

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



4286578887



4288938239



4291231916



4284504675



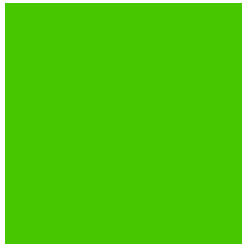
4285071523



4279697444

Previews

White Background



This preview shows how the Android color 4282894080 looks on a white background.

Color Contrast Check

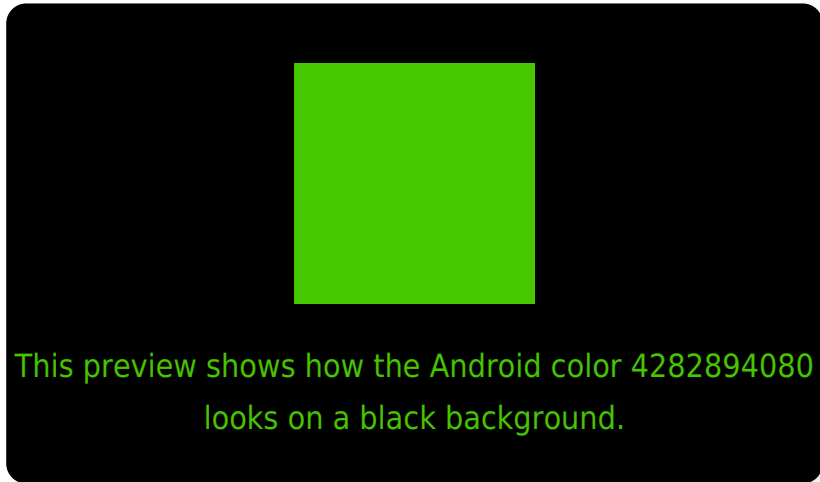
Large Text (above 18pt) WCAG AA × Fail

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 4282894080 Background



This preview shows how black text looks on a background with the Android color 4282894080.



This preview shows how white text looks on a background with the Android color 4282894080.

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
4282894080



Protanomaly
4288067072



Deuteranomaly
4288983323



Tritanomaly
4284333695

Monochromacy



Original Color
4282894080



Achromatopsia
4287269514



Achromatomaly
4285702232

CSS Examples

Text

The CSS property to change the color of the text to Android 4282894080 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(71, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 199, 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(71, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 199, 0) }
```

Border

The CSS property to change the border of an element to Android 4282894080 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(71, 199, 0) }
```

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

```
.border{ border-color:rgb(71, 199, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 199, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(71, 199, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4282894080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 199, 0) }
```

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

```
.background{ background-color: rgb(71, 199,  
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](#).

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