

Converting Colors

Android(4281648384)

Have a look what the booklet for
Android(4281648384) contains.

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Color

Android(4281648384)

Conversions

Conversions Part 1

Format	Color
Hex	34C500
RGB	52, 197, 0
RGB Percent	20%, 77%, 0%
CMY	0.7961, 0.2275, 1.0000
CMYK	0.74, 0.00, 1.00, 0.23
HSL	104°, 100%, 39%
HSV	104°, 100%, 77%
XYZ	21.3824, 40.6626, 6.7217
YIQ	131.1870, -23.1830, -92.0070

Conversions

Conversions Part 2

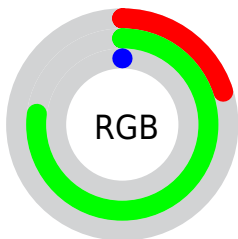
Format	Color
RYB	0, 197, 145
Decimal	3458304
CIELab	69.94, -66.33, 69.13
CIELCh	70, 95.803, 133.818
Yxy	40.6626, 0.3109, 0.5913
Android (android.graphics.Color)	4281648384 (0xFF34C500)
YUV	131.1870, -64.6752, -69.4470
Hunter-Lab	63.7672, -51.7380, 38.3873

Details

The Android color `4281648384` 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 `4287692997`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4286250832`, and `4278226432` is the 20% darker color. If you saturate the color by 10%, you get `4281648384`, and if you desaturate by 10%, it is `4282565908`.

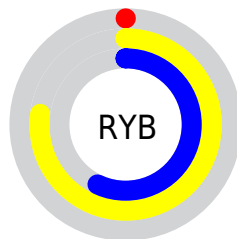
Distribution



Red (20%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (57%)

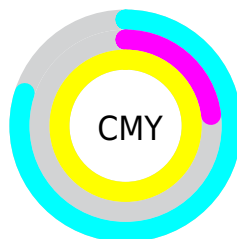


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (80%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281648384 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 4281648384 by changing the saturation by 10% instead.



4281648384



4281648384

4294967295



4278233344



4286250832



4278226432



4288282477



4278219520



4290314121



4278212864



4292345766



4278206464



4294311875



4278200320



4294967264



4278190080

4294967294



4281648384

 4282565908

 4283548967

 4284532027

 4285449551

 4286432611

 4287350134

 4288333194

 4289250718

 4290233777

Harmonies

Analogous

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



4289311744



4281648384



4278242935

Triad

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



4281648384



4278239999



4294916487

Complementary

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



4281648384



4287692997

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.



4294920414



4281648384



4278233343

Square

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



4281648384



4278243071



4292771583



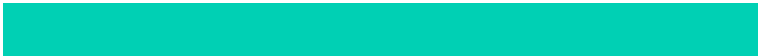
4294928690

Rectangle

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



4281648384



4278243508



4292771583



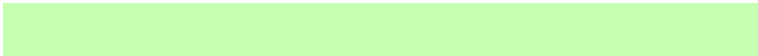
4294914980

Sweetspot

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



4281648384



4291297203



4291137536



4284383314



4278190080



4286611584

Same Dimension

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



4281648384



4282646272



4278240558



4284244826



4281049856



4278789120

Inverse Universe

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



4287692997



4290511103



4291100823



4284570211



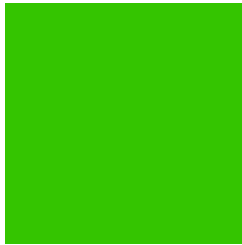
4286054563



4279894052

Previews

White Background



This preview shows how the Android color 4281648384 looks on a white background.

Color Contrast Check

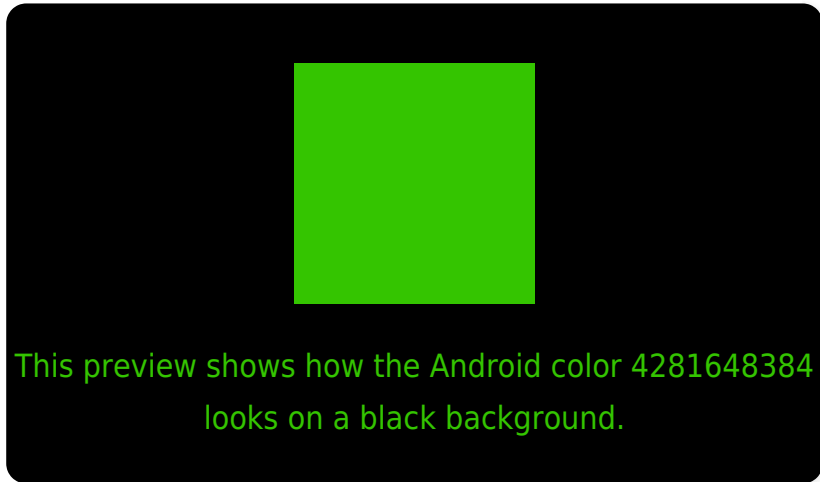
Large Text (above 18pt) WCAG AA × Fail

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 4281648384 Background



This preview shows how black text looks on a background with the Android color 4281648384.



This preview shows how white text looks on a background with the Android color 4281648384.

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
4281648384

Protanopia
4290750976

Deuteranopia
4292190506

Trichromacy



Original Color

4281648384



Protanomaly

4287411200



Deuteranomaly

4288327195



Tritanomaly

4283415678

Monochromacy



Original Color

4281648384



Achromatopsia

4286808963



Achromatomaly

4284914515

CSS Examples

Text

The CSS property to change the color of the text to Android 4281648384 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(52, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(52, 197, 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(52, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 197, 0) }
```

Border

The CSS property to change the border of an element to Android 4281648384 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(52, 197, 0) }
```

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

```
.border{ border-color:rgb(52, 197, 0) }
```

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

Here you see how a box with a 4 pixel rgb(52, 197, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(52, 197, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4281648384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 197, 0) }
```

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

```
.background{ background-color: rgb(52, 197,  
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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