

Converting Colors

Android(4282438145)

Have a look what the booklet for
Android(4282438145) contains.

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Color

Android(4282438145)

Conversions

Conversions Part 1

Format	Color
Hex	40D201
RGB	64, 210, 1
RGB Percent	25%, 82%, 0%
CMY	0.7490, 0.1765, 0.9961
CMYK	0.70, 0.00, 1.00, 0.18
HSL	102°, 99%, 41%
HSV	102°, 100%, 82%
XYZ	25.1664, 47.1854, 7.8100
YIQ	142.5200, -19.9270, -95.9510

Conversions

Conversions Part 2

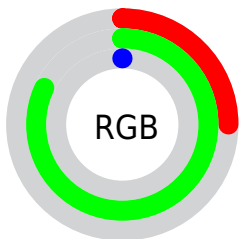
Format	Color
RYB	1, 210, 147
Decimal	4248065
CIELab	74.31, -68.19, 72.61
CIELCh	74, 99.607, 133.204
Yxy	47.1854, 0.3139, 0.5886
Android (android.graphics.Color)	4282438145 (0xFF40D201)
YUV	142.5200, -69.7694, -68.8620
Hunter-Lab	68.6916, -54.8136, 41.3431

Details

The Android color `4282438145` 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 `4287824338`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4286906195`, and `4278229504` is the 20% darker color. If you saturate the color by 10%, you get `4282372608`, and if you desaturate by 10%, it is `4283421206`.

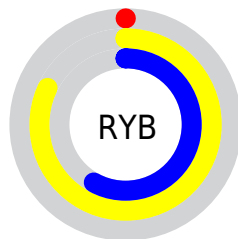
Distribution



Red (25%)

Green (82%)

Blue (0%)



Red (0%)

Yellow (82%)

Blue (58%)

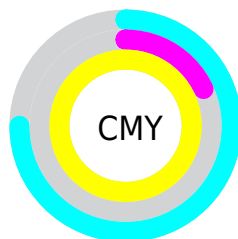


Cyan (70%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (75%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282438145 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 4282438145 by changing the saturation by 10% instead.



4282438145



4282438145

4294967295



4278236672



4286906195



4278229504



4289003377



4278222592



4291035021



4278215936



4293066666



4278209280



4294967239



4278203136



4294967269



4278196224



4278190080



4282438145



4282438145

■ 4282372608

■ 4283421206

■ 4284338731

■ 4285321792

■ 4286304853

■ 4287222378

■ 4288205439

■ 4289188500

■ 4290106025

■ 4291089086

Harmonies

Analogous

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



4290232064



4282438145



4278246270

Triad

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



4282438145



4278243583



4294918291

Complementary

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



4282438145



4287824338

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.



4294922734



4282438145



4278236671

Square

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



4282438145



4278246655



4293560575



4294930490

Rectangle

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



4282438145



4278247102



4293560575



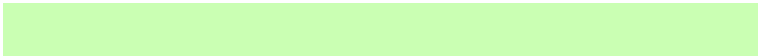
4294917041

Sweetspot

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



4282438145



4291493811



4291989505



4284448850



4278190080



4286611584

Same Dimension

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



4282438145



4283301632



4278309415



4284574046



4281575424



4278987008

Inverse Universe

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



4287824338



4289855743



4291953068



4284833385



4285923496



4280090665

Previews

White Background



This preview shows how the Android color 4282438145 looks on a white background.

Color Contrast Check

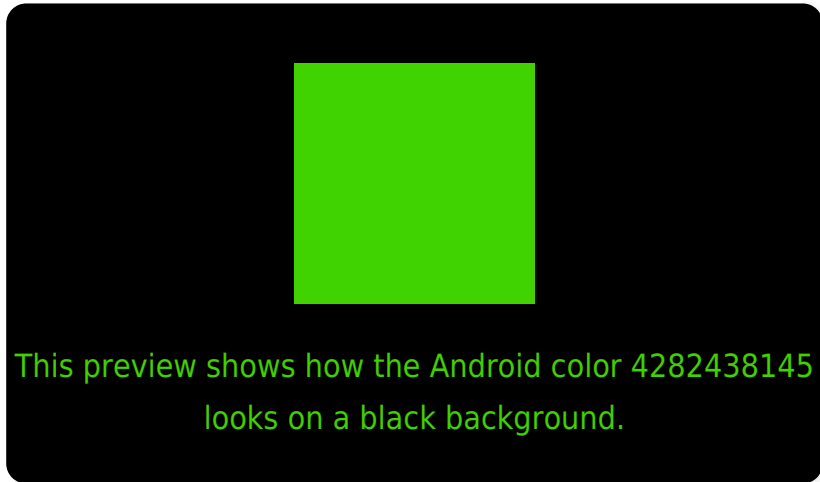
Large Text (above 18pt) WCAG AA × Fail

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

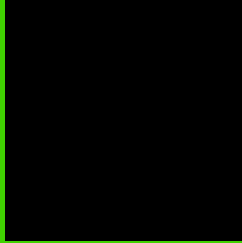
Any Text WCAG AA ✓ Pass

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 4282438145 Background



This preview shows how black text looks on a background with the Android color 4282438145.



This preview shows how white text looks on a background with the Android color 4282438145.

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
4282438145

Protanopia
4291606016

Deuteranopia
4293176365

Trichromacy



Original Color

4282438145



Protanomaly

4288266240



Deuteranomaly

4289247773



Tritanomaly

4284205191

Monochromacy



Original Color

4282438145



Achromatopsia

4287598479



Achromatomaly

4285704027

CSS Examples

Text

The CSS property to change the color of the text to Android 4282438145 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(64, 210, 1)` looks like.

```
.text, #text, p{  
    color:rgb(64, 210, 1)  
}
```

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(64, 210, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 210, 1) }
```

Border

The CSS property to change the border of an element to Android 4282438145 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(64, 210, 1) }
```

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

```
.border{ border-color:rgb(64, 210, 1) }
```

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

Here you see how a box with a 4 pixel rgb(64, 210, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 210, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 210, 1);  
box-shadow:4px 4px 4px 4px rgb(64, 210, 1)  
}
```

Background

The CSS property to change the background color of an element to Android 4282438145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 210, 1) }
```

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

```
.background{ background-color: rgb(64, 210,  
1) }
```

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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