

Converting Colors

Android(4281842200)

Have a look what the booklet for
Android(4281842200) contains.

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Color

Android(4281842200)

Conversions

Conversions Part 1

Format	Color
Hex	37BA18
RGB	55, 186, 24
RGB Percent	22%, 73%, 9%
CMY	0.7843, 0.2706, 0.9059
CMYK	0.70, 0.00, 0.87, 0.27
HSL	109°, 77%, 41%
HSV	109°, 87%, 73%
XYZ	19.2993, 35.9960, 6.7949
YIQ	128.3630, -26.0740, -78.1540

Conversions

Conversions Part 2

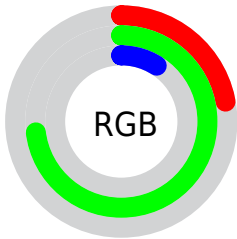
Format	Color
R_{YB}	24, 186, 155
Decimal	3652120
CIE _{Lab}	66.52, -61.80, 62.94
CIE _{LCh}	67, 88.205, 134.474
Yxy	35.9960, 0.3108, 0.5797
Android (android.graphics.Color)	4281842200 (0xFF37BA18)
YUV	128.3630, -51.4510, -64.3394
Hunter-Lab	59.9967, -47.5755, 35.2828

Details

The Android color `4281842200` is a dark color, and the websafe version is hex `33CC33`. A complement of this color would be `4288354490`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4286182231`, and `4278223616` is the 20% darker color. If you saturate the color by 10%, you get `4280859141`, and if you desaturate by 10%, it is `4282825259`.

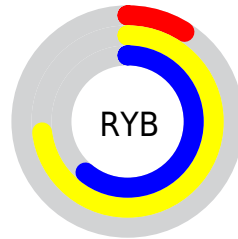
Distribution



Red (22%)

Green (73%)

Blue (9%)



Red (9%)

Yellow (73%)

Blue (61%)

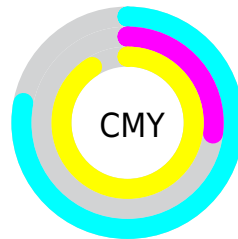


Cyan (70%)

Magenta (0%)

Yellow (87%)

Black (27%)



Cyan (78%)


Magenta (27%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281842200 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 4281842200 by changing the saturation by 10% instead.

 4281842200

 4281842200

4294967295

 4278230528

 4286182231

 4278223616

 4288216946

 4278216960

 4290183054

 4278210304

 4292149162


 4278204416

 4294115271

 4278198016

 4294967268

 4278190080

 4281842200

 4281842200

 4280859141

 4282825259

■ 4280596992

■ 4283808317

■ 4284791376

■ 4285774434

■ 4286757493

■ 4287740552

■ 4288723610

■ 4289706669

■ 4290689727

Harmonies

Analogous

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



4288719360



4281842200



4278239860

Triad

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



4281842200



4278237183



4294918527

Complementary

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



4281842200



4288354490

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.



4294921166



4281842200



4278231039

Square

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



4281842200



4278239999



4292049151



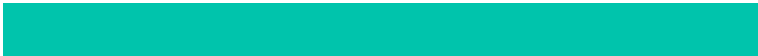
4294928435

Rectangle

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



4281842200



4278240428



4292049151



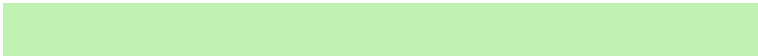
4294917529

Sweetspot

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



4281842200



4290769587



4290419224



4284250708



4294638330



4286216826

Same Dimension

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



4281842200



4281266688



4279810633



4283718739



4280196096



4278524928

Inverse Universe

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



4288354490



4291035378



4290386057



4284109660



4286447772



4279697436

Previews

White Background



This preview shows how the Android color 4281842200 looks on a white background.

Color Contrast Check

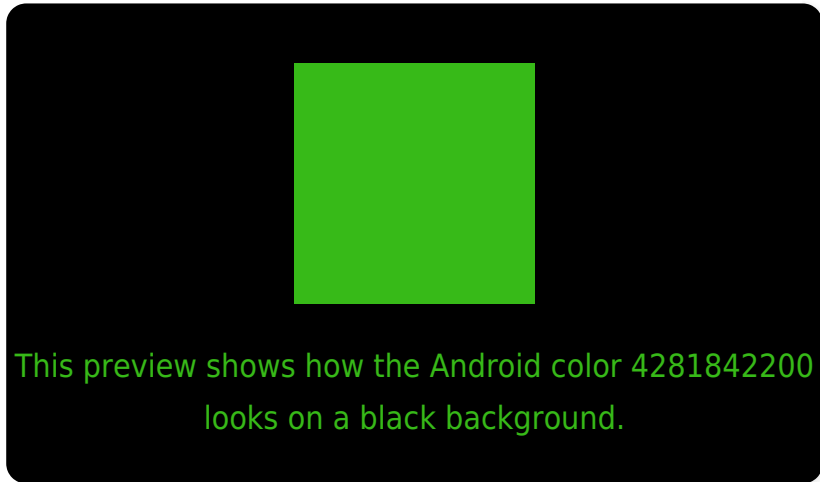
Large Text (above 18pt) WCAG AA × Fail

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 4281842200 Background



This preview shows how black text looks on a background with the Android color 4281842200.



This preview shows how white text looks on a background with the Android color 4281842200.

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

4281842200



Protanomaly

4287080978



Deuteranomaly

4287931429



Tritanomaly

4283413120

Monochromacy



Original Color

4281842200



Achromatopsia

4286611584



Achromatomaly

4284847450

CSS Examples

Text

The CSS property to change the color of the text to Android 4281842200 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, 186, 24)` looks like.

```
.text, #text, p{  
    color:rgb(55, 186, 24)  
}
```

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, 186, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 186, 24) }
```

Border

The CSS property to change the border of an element to Android 4281842200 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, 186, 24) }
```

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

```
.border{ border-color:rgb(55, 186, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 186, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 186, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 186, 24);  
box-shadow:4px 4px 4px 4px rgb(55, 186,  
24) }
```

Background

The CSS property to change the background color of an element to Android 4281842200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 186, 24) }
```

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

```
.background{ background-color: rgb(55, 186,  
24) }
```

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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