

Converting Colors

Android(4282571829)

Have a look what the booklet for
Android(4282571829) contains.

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Color

Android(4282571829)

Conversions

Conversions Part 1

Format	Color
Hex	42DC35
RGB	66, 220, 53
RGB Percent	26%, 86%, 21%
CMY	0.7412, 0.1373, 0.7922
CMYK	0.70, 0.00, 0.76, 0.14
HSL	115°, 70%, 54%
HSV	115°, 76%, 86%
XYZ	28.4826, 52.6017, 12.0201
YIQ	154.9160, -38.1770, -84.5850

Conversions

Conversions Part 2

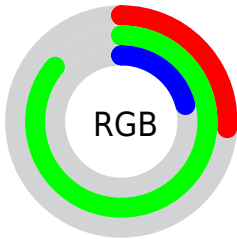
Format	Color
RYB	53, 220, 207
Decimal	4381749
CIELab	77.64, -69.02, 65.50
CIELCh	78, 95.159, 136.499
Yxy	52.6017, 0.3059, 0.5650
Android (android.graphics.Color)	4282571829 (0xFF42DC35)
YUV	154.9160, -50.2446, -77.9793
Hunter-Lab	72.5270, -56.8224, 40.9426

Details

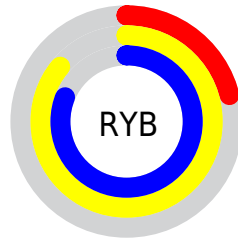
The Android color **4282571829** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **4291769820**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4287037295**, and **4278231808** is the 20% darker color. If you saturate the color by 10%, you get **4281261087**, and if you desaturate by 10%, it is **4283882571**.

Distribution



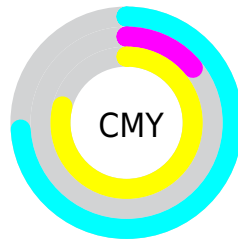
- Red (26%)
- Green (86%)
- Blue (21%)



- Red (21%)
- Yellow (86%)
- Blue (81%)



- Cyan (70%)
- Magenta (0%)
- Yellow (76%)
- Black (14%)



- Cyan (74%)
- Magenta (14%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282571829 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 4282571829 by changing the saturation by 10% instead.



4282571829



4282571829

4294967295



4278435597



4287037295



4278231808



4289134475



4278224896



4291166119



4278217984



4293197764



4278211328



4294967265



4278205184



4278198784



4278190080



4282571829



4282571829

■ 4281261087

■ 4283882571

■ 4279884809

■ 4285258849

■ 4279360512

■ 4286569591

■ 4287880333

■ 4289191075

■ 4290567353

■ 4291878095

■ 4293188837

■ 4294565115

Harmonies

Analogous

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



4290366208



4282571829



4278248851

Triad

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



4282571829



4278245119



4294925459

Complementary

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



4282571829



4291769820

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.



4294927084



4282571829



4282956543

Square

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



4282571829



4278248447



4294938623



4294935615

Rectangle

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



4282571829



4278249425



4294938623



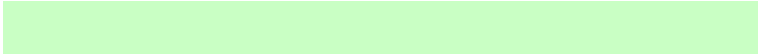
4294924209

Sweetspot

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



4282571829



4291428292



4292660789



4284448860



4278190080



4286611584

Same Dimension

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



4282571829



4280942359



4281719931



4284771939



4279086336



4278464000

Inverse Universe

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



4291769820



4293728255



4292621718



4285358958



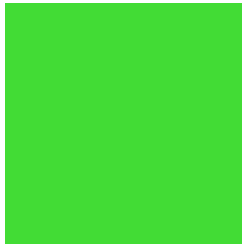
4288676013



4280942638

Previews

White Background



This preview shows how the Android color 4282571829 looks on a white background.

Color Contrast Check

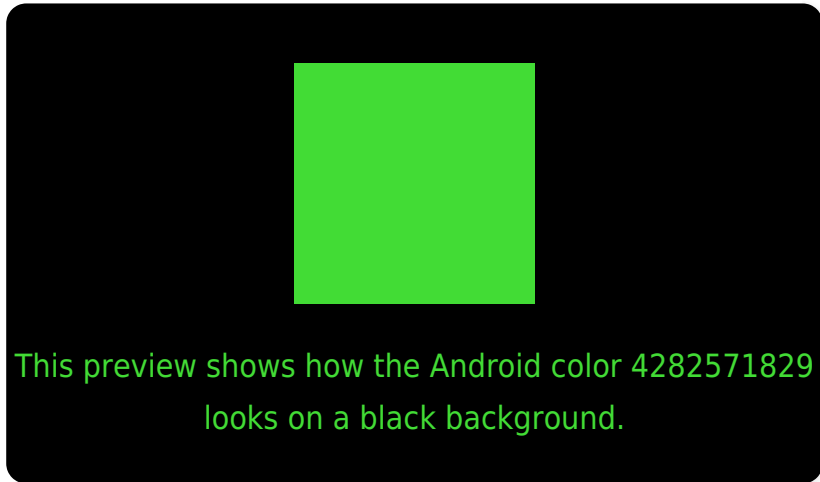
Large Text (above 18pt) WCAG AA × Fail

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 4282571829 Background



This preview shows how black text looks on a background with the Android color 4282571829.

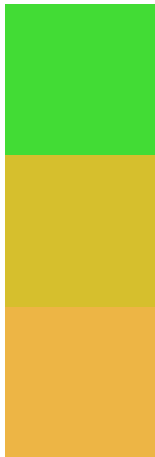


This preview shows how white text looks on a background with the Android color 4282571829.

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

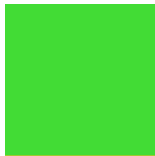


Original Color
4282571829

Protanopia
4292263725

Deuteranopia
4293768517

Trichromacy



Original Color

4282571829



Protanomaly

4288727600



Deuteranomaly

4289708863



Tritanomaly

4284338849

Monochromacy



Original Color

4282571829



Achromatopsia

4288387995



Achromatomaly

4286296950

CSS Examples

Text

The CSS property to change the color of the text to Android 4282571829 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(66, 220, 53)` looks like.

```
.text, #text, p{  
    color:rgb(66, 220, 53)  
}
```

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(66, 220, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 220, 53) }
```

Border

The CSS property to change the border of an element to Android 4282571829 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(66, 220, 53) }
```

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

```
.border{ border-color:rgb(66, 220, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 220, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 220, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 220, 53);  
box-shadow:4px 4px 4px 4px rgb(66, 220,  
53) }
```

Background

The CSS property to change the background color of an element to Android 4282571829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 220, 53) }
```

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

```
.background{ background-color: rgb(66, 220,  
53) }
```

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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