

Converting Colors

Android(4281645617)

Have a look what the booklet for
Android(4281645617) contains.

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Color

Android(4281645617)

Conversions

Conversions Part 1

Format	Color
Hex	34BA31
RGB	52, 186, 49
RGB Percent	20%, 73%, 19%
CMY	0.7961, 0.2706, 0.8078
CMYK	0.72, 0.00, 0.74, 0.27
HSL	119°, 58%, 46%
HSV	119°, 74%, 73%
XYZ	19.5295, 36.0696, 8.8386
YIQ	130.3160, -35.8870, -71.0150

Conversions

Conversions Part 2

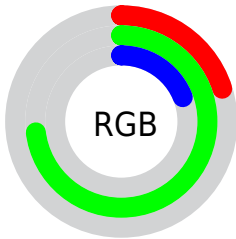
Format	Color
RYB	49, 186, 183
Decimal	3455537
CIELab	66.57, -60.87, 55.77
CIELCh	67, 82.559, 137.505
Yxy	36.0696, 0.3031, 0.5598
Android (android.graphics.Color)	4281645617 (0xFF34BA31)
YUV	130.3160, -40.0888, -68.6831
Hunter-Lab	60.0580, -47.0575, 33.3151

Details

The Android color **4281645617** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290195898**, and the grayscale version is **4286808963**.

A 20% lighter version of the original color is **4285985640**, and **4278223616** is the 20% darker color. If you saturate the color by 10%, you get **4280465950**, and if you desaturate by 10%, it is **4282825284**.

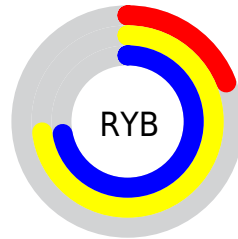
Distribution



Red (20%)

Green (73%)

Blue (19%)



Red (19%)

Yellow (73%)

Blue (72%)

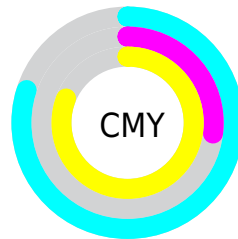


Cyan (72%)

Magenta (0%)

Yellow (74%)

Black (27%)



Cyan (80%)

Magenta (27%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281645617 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 4281645617 by changing the saturation by 10% instead.



4281645617



4281645617

4294967295



4278230543



4285985640



4278223616



4288020355



4278216960



4289920926



4278210304



4291952571



4278204416



4293918679



4278198016



4294967284



4278190080



4281645617



4281645617



4280465950



4282825284

 4279286284

 4284004950

 4278499840

 4285250153

 4286429819

 4287609486

 4288789153

 4289968819

 4291214022

 4292393688

Harmonies

Analogous

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



4288326656



4281645617



4278239615

Triad

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



4281645617



4278236415



4294922362

Complementary

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



4281645617



4290195898

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.



4294923204



4281645617



4283211007

Square

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



4281645617



4278239487



4292507903



4294930740

Rectangle

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



4281645617



4278240179



4292507903



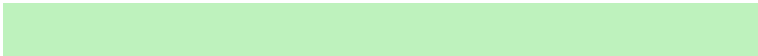
4294921363

Sweetspot

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



4281645617



4290704061



4290426161



4284185179



4294638330



4286216826

Same Dimension

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



4281645617



4280480285



4281449073



4283653203



4278426624



4278262784

Inverse Universe

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



4290195898



4293795314



4290392442



4284240732



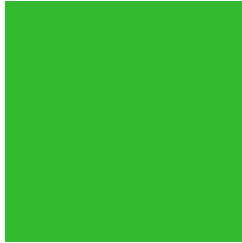
4288151708



4279959580

Previews

White Background



This preview shows how the Android color 4281645617 looks on a white background.

Color Contrast Check

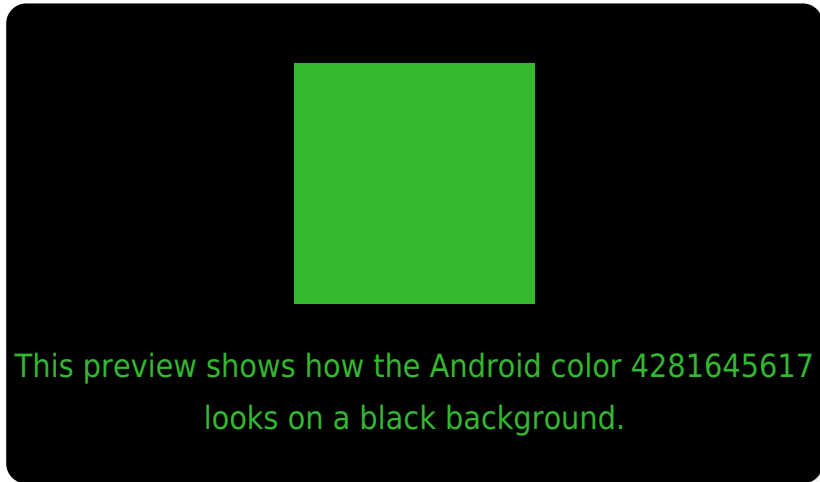
Large Text (above 18pt) WCAG AA × Fail

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 4281645617 Background



This preview shows how black text looks on a background with the Android color 4281645617.



This preview shows how white text looks on a background with the Android color 4281645617.

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

4281645617



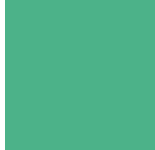
Protanomaly

4286949933



Deuteranomaly

4287800633



Tritanomaly

4283216521

Monochromacy



Original Color

4281645617



Achromatopsia

4286743170



Achromatomaly

4284913253

CSS Examples

Text

The CSS property to change the color of the text to Android 4281645617 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, 186, 49)` looks like.

```
.text, #text, p{  
    color:rgb(52, 186, 49)  
}
```

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, 186, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 186, 49) }
```

Border

The CSS property to change the border of an element to Android 4281645617 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, 186, 49) }
```

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

```
.border{ border-color:rgb(52, 186, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 186, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 186, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 186, 49);  
box-shadow:4px 4px 4px 4px rgb(52, 186,  
49) }
```

Background

The CSS property to change the background color of an element to Android 4281645617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 186, 49) }
```

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

```
.background{ background-color: rgb(52, 186,  
49) }
```

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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