

Converting Colors

Android(4281033749)

Have a look what the booklet for
Android(4281033749) contains.

Android(4281033749)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281033749)

Conversions

Conversions Part 1

Format	Color
Hex	2B6415
RGB	43, 100, 21
RGB Percent	17%, 39%, 8%
CMY	0.8314, 0.6078, 0.9176
CMYK	0.57, 0.00, 0.79, 0.61
HSL	103°, 65%, 24%
HSV	103°, 79%, 39%
XYZ	5.6888, 9.6821, 2.2785
YIQ	73.9510, -8.6130, -36.6530

Conversions

Conversions Part 2

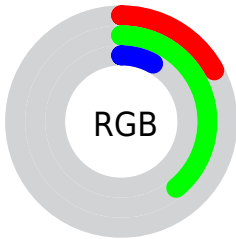
Format	Color
RYB	21, 100, 78
Decimal	2843669
CIELab	37.27, -34.01, 36.72
CIELCh	37, 50.054, 132.803
Yxy	9.6821, 0.3223, 0.5486
Android (android.graphics.Color)	4281033749 (0xFF2B6415)
YUV	73.9510, -26.1048, -27.1440
Hunter-Lab	31.1160, -21.8188, 17.4397

Details

The Android color **4281033749** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4283307364**, and the grayscale version is **4283058762**.

A 20% lighter version of the original color is **4284454982**, and **4278203392** is the 20% darker color. If you saturate the color by 10%, you get **4280574987**, and if you desaturate by 10%, it is **4281492511**.

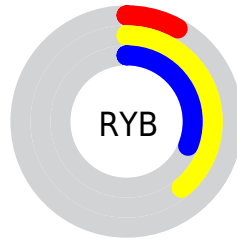
Distribution



Red (17%)

Green (39%)

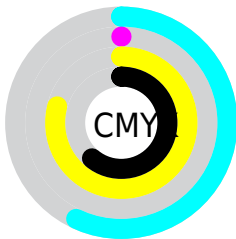
Blue (8%)



Red (8%)

Yellow (39%)

Blue (31%)

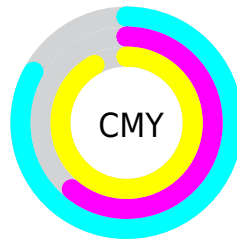


Cyan (57%)

Magenta (0%)

Yellow (79%)

Black (61%)



Cyan (83%)

Magenta (61%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281033749 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 4281033749 by changing the saturation by 10% instead.



4281033749



4281033749

4294967295



4279061504



4284454982



4278203392



4286231391



4278198528



4288007801



4278190080



4289784723



4291690414



4293525450



4294967270



4281033749



4281033749

■ 4280574987

■ 4281492511

■ 4280116225

■ 4281951273

■ 4280050688

■ 4282475571

■ 4282934333

■ 4283393095

■ 4283851857

■ 4284376155

■ 4284834917

■ 4285293679

Harmonies

Analogous

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



4284111616



4281033749



4278217022

Triad

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



4281033749



4278215589



4288621640

Complementary

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



4281033749



4283307364

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.



4287902065



4281033749



4279392167

Square

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



4281033749



4278217102



4285482387



4288035618

Rectangle

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



4281033749



4278217306



4285482387



4288555862

Sweetspot

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



4281033749



4285301347



4284763669



4281614895



4290953922



4282532418

Same Dimension

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



4281033749



4280910343



4279591974



4281283374



4280316672



4282642944

Inverse Universe

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



4283307364



4284483458



4284749139



4281478707



4283629683



4289659122

Previews

White Background



This preview shows how the Android color 4281033749 looks on a white background.

Color Contrast Check

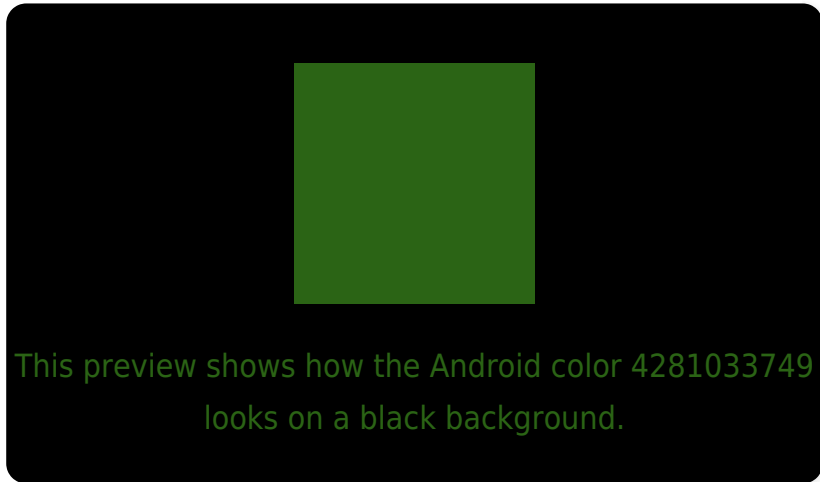
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281033749 Background



This preview shows how black text looks on a background with the Android color 4281033749.



This preview shows how white text looks on a background with the Android color 4281033749.

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

4281033749

Protanopia

4284635154

Deuteranopia

4285354781

Trichromacy



Original Color
4281033749

Protanomaly
4283325459

Deuteranomaly
4283783450

Tritanomaly
4281688136

Monochromacy



Original Color
4281033749

Achromatopsia
4283058762

Achromatomaly
4282340151

CSS Examples

Text

The CSS property to change the color of the text to Android 4281033749 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(43, 100, 21)` looks like.

```
.text, #text, p{  
    color:rgb(43, 100, 21)  
}
```

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(43, 100, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 100, 21) }
```

Border

The CSS property to change the border of an element to Android 4281033749 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(43, 100, 21) }
```

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

```
.border{ border-color:rgb(43, 100, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 100, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 100, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 100, 21);  
box-shadow:4px 4px 4px 4px rgb(43, 100,  
21) }
```

Background

The CSS property to change the background color of an element to Android 4281033749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 100, 21) }
```

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

```
.background{ background-color: rgb(43, 100,  
21) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor