

Converting Colors

Android(4281813040)

Have a look what the booklet for
Android(4281813040) contains.

Android(4281813040)	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(4281813040)

Conversions

Conversions Part 1

Format	Color
Hex	374830
RGB	55, 72, 48
RGB Percent	22%, 28%, 19%
CMY	0.7843, 0.7176, 0.8118
CMYK	0.24, 0.00, 0.33, 0.72
HSL	102°, 20%, 24%
HSV	102°, 33%, 28%
XYZ	4.4264, 5.6604, 3.6556
YIQ	64.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

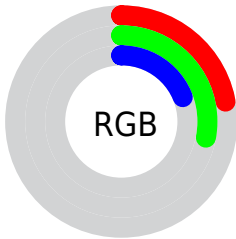
Format	Color
RYB	48, 72, 65
Decimal	3622960
CIELab	28.54, -12.09, 12.27
CIELCh	29, 17.225, 134.568
Yxy	5.6604, 0.3221, 0.4119
Android (android.graphics.Color)	4281813040 (0xFF374830)
YUV	64.1810, -7.9772, -8.0517
Hunter-Lab	23.7915, -8.4252, 7.5441

Details

The Android color **4281813040** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282462280**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4284905822**, and **4279049473** is the 20% darker color. If you saturate the color by 10%, you get **4281485353**, and if you desaturate by 10%, it is **4282140727**.

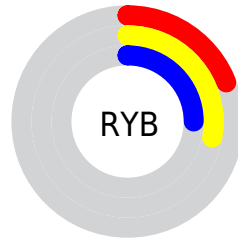
Distribution



Red (22%)

Green (28%)

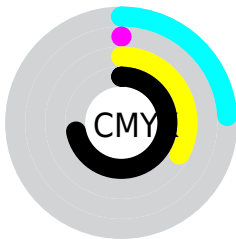
Blue (19%)



Red (19%)

Yellow (28%)

Blue (25%)

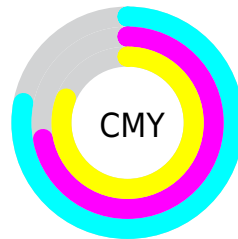


Cyan (24%)

Magenta (0%)

Yellow (33%)

Black (72%)



Cyan (78%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281813040 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 4281813040 by changing the saturation by 10% instead.



4281813040



4281813040

4294967295



4280365339



4284905822



4279049473



4286550647



4278190080



4288327057



4290037931



4291880135



4293722083



4281813040



4281813040



4281485353



4282140727

■ 4281157666

■ 4282468414

■ 4280829978

■ 4282796102

■ 4280502291

■ 4283123789

■ 4280174604

■ 4283517012

■ 4279781381

■ 4283844699

■ 4279584768

■ 4284172386

■ 4284500074

■ 4284827761

Harmonies

Analogous

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



4282795305



4281813040



4280764988

Triad

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



4281813040



4280764253



4284365117

Complementary

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



4281813040



4282462280

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.



4284037707



4281813040



4282073693

Square

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



4281813040



4279716181



4283252310



4284169265

Rectangle

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



4281813040



4280109893



4283252310



4284299586

Sweetspot

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



4281813040



4283981397



4282925360



4281085995



4289769648



4281348144

Same Dimension

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



4281813040



4282670649



4281354293



4280362016



4280115968



4282573568

Inverse Universe

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



4282462280



4283644254



4282921027



4280492068



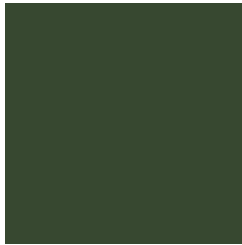
4282777699



4288741603

Previews

White Background



This preview shows how the Android color 4281813040 looks on a white background.

Color Contrast Check

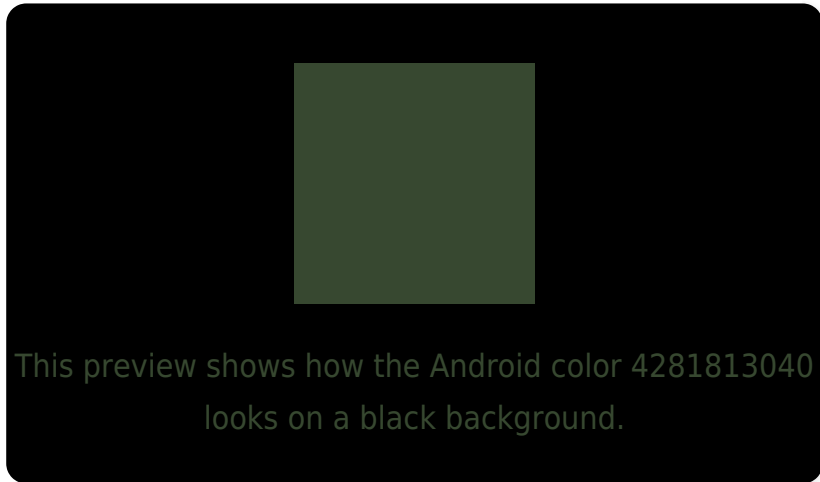
Large Text (above 18pt) WCAG AA ✓ Pass

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

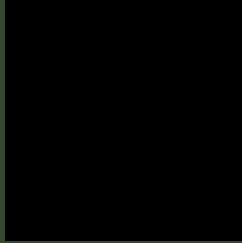
Any Text WCAG AA × Fail

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 4281813040 Background



This preview shows how black text looks on a background with the Android color 4281813040.



This preview shows how white text looks on a background with the Android color 4281813040.

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
4281813040

Protanopia
4282991406

Deuteranopia
4283383858

Trichromacy



Original Color

4281813040

Protanomaly

4282533167

Deuteranomaly

4282794801

Tritanomaly

4282009153

Monochromacy



Original Color

4281813040

Achromatopsia

4282400832

Achromatomaly

4282204986

CSS Examples

Text

The CSS property to change the color of the text to Android 4281813040 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, 72, 48)` looks like.

```
.text, #text, p{  
    color:rgb(55, 72, 48)  
}
```

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, 72, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 72, 48) }
```

Border

The CSS property to change the border of an element to Android 4281813040 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, 72, 48) }
```

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

```
.border{ border-color:rgb(55, 72, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 72, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 72, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 72, 48);  
box-shadow:4px 4px 4px 4px rgb(55, 72, 48)  
}
```

Background

The CSS property to change the background color of an element to Android 4281813040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 72, 48) }
```

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

```
.background{ background-color: rgb(55, 72,  
48) }
```

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