

Converting Colors

Android(4281153340)

Have a look what the booklet for
Android(4281153340) contains.

Android(4281153340)	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(4281153340)

Conversions

Conversions Part 1

Format	Color
Hex	2D373C
RGB	45, 55, 60
RGB Percent	18%, 22%, 24%
CMY	0.8235, 0.7843, 0.7647
CMYK	0.25, 0.08, 0.00, 0.76
HSL	200°, 14%, 21%
HSV	200°, 25%, 24%
XYZ	3.2640, 3.6165, 4.8010
YIQ	52.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

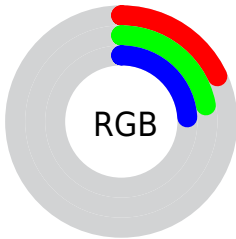
Format	Color
R_{YB}	45, 51, 60
Decimal	2963260
CIE Lab	22.36, -2.83, -4.52
CIE LCh	22, 5.330, 237.949
Yxy	3.6165, 0.2794, 0.3096
Android (android.graphics.Color)	4281153340 (0xFF2D373C)
YUV	52.5800, 3.6581, -6.6477
Hunter-Lab	19.0171, -2.6433, -1.6561

Details

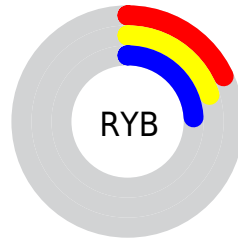
The Android color **4281153340** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282135085**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4284180075**, and **4278192914** is the 20% darker color. If you saturate the color by 10%, you get **4280759612**, and if you desaturate by 10%, it is **4281547068**.

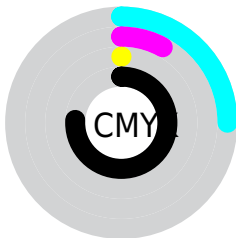
Distribution



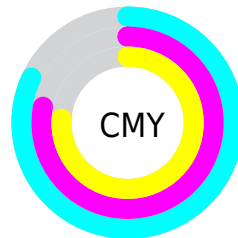
- Red (18%)
- Green (22%)
- Blue (24%)



- Red (18%)
- Yellow (20%)
- Blue (24%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (76%)



- Cyan (82%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281153340 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 4281153340 by changing the saturation by 10% instead.

■ 4281153340

■ 4281153340

4294967295

■ 4279771686

■ 4284180075

■ 4278192914

■ 4285824900

■ 4278190080

■ 4287469983

■ 4289246137

■ 4291022805

■ 4292865010

■ 4294705151

■ 4281153340

■ 4281153340

■ 4280759612

■ 4281547068

■ 4280365884

■ 4281940796

■ 4279972156

■ 4282334524

■ 4279578428

■ 4282728252

■ 4279184700

■ 4283121980

■ 4278790972

■ 4283515708

■ 4278397244

■ 4283909436

■ 4278200380

■ 4284303164

■ 4284696892

Harmonies

Analogous

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



4281022521



4281153340



4281415229

Triad

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



4281153340



4282200886



4281677358

Complementary

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



4281153340



4282135085

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.



4281939246



4281153340



4282266418

Square

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



4281153340



4282004282



4282135599



4281349937

Rectangle

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



4281153340



4281611581



4282135599



4281742894

Sweetspot

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



4281153340



4282993999



4281154610



4280624937



4289243304



4280887593

Same Dimension

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



4281153340



4281812815



4281151548



4280032799



4278206302



4278228190

Inverse Universe

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



4282133815



4283381575



4282136877



4280228894



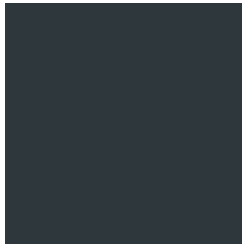
4284350527



4292739220

Previews

White Background



This preview shows how the Android color 4281153340 looks on a white background.

Color Contrast Check

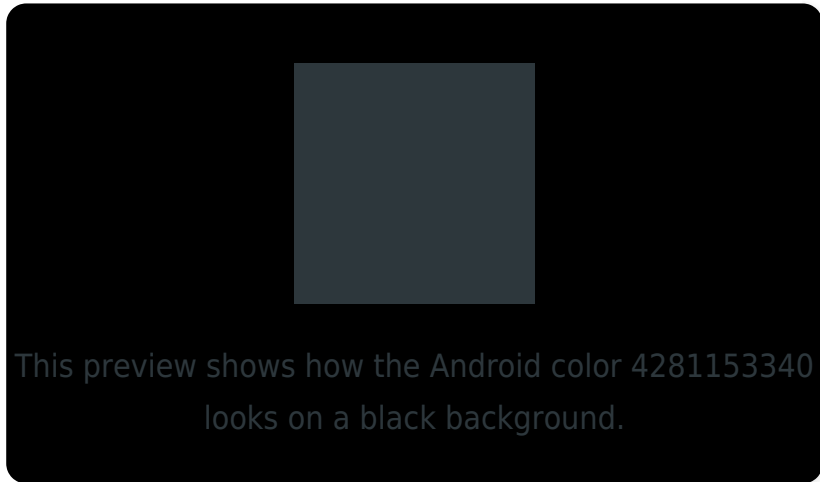
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281153340 Background



This preview shows how black text looks on a background with the Android color 4281153340.

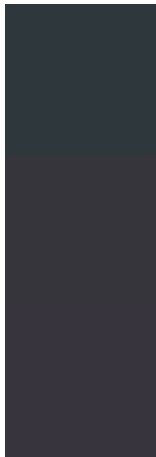


This preview shows how white text looks on a background with the Android color 4281153340.

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

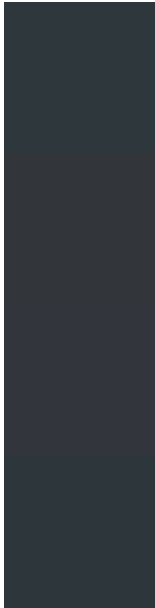


Original Color
4281153340

Protanopia
4281677115

Deuteranopia
4281807933

Trichromacy



Original Color

4281153340

Protanomaly

4281480763

Deuteranomaly

4281546045

Tritanomaly

4281153339

Monochromacy



Original Color

4281153340

Achromatopsia

4281677109

Achromatomaly

4281480760

CSS Examples

Text

The CSS property to change the color of the text to Android 4281153340 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(45, 55, 60)` looks like.

```
.text, #text, p{  
    color:rgb(45, 55, 60)  
}
```

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(45, 55, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 55, 60) }
```

Border

The CSS property to change the border of an element to Android 4281153340 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(45, 55, 60) }
```

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

```
.border{ border-color:rgb(45, 55, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 55, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 55, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 55, 60);  
box-shadow:4px 4px 4px 4px rgb(45, 55, 60)  
}
```

Background

The CSS property to change the background color of an element to Android 4281153340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 55, 60) }
```

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

```
.background{ background-color: rgb(45, 55,  
60) }
```

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