

Converting Colors

Android(4281951337)

Have a look what the booklet for
Android(4281951337) contains.

Android(4281951337)	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(4281951337)

Conversions

Conversions Part 1

Format	Color
Hex	396469
RGB	57, 100, 105
RGB Percent	22%, 39%, 41%
CMY	0.7765, 0.6078, 0.5882
CMYK	0.46, 0.05, 0.00, 0.59
HSL	186°, 30%, 32%
HSV	186°, 46%, 41%
XYZ	8.7943, 11.0041, 15.0251
YIQ	87.7130, -27.2330, -7.5610

Conversions

Conversions Part 2

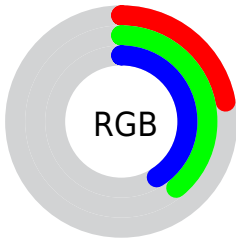
Format	Color
RYB	57, 80, 105
Decimal	3761257
CIELab	39.59, -13.45, -7.51
CIELCh	40, 15.408, 209.174
Yxy	11.0041, 0.2525, 0.3160
Android (android.graphics.Color)	4281951337 (0xFF396469)
YUV	87.7130, 8.5225, -26.9353
Hunter-Lab	33.1725, -10.7299, -3.6340

Details

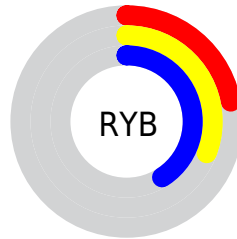
The Android color `4281951337` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285087289`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4285241244`, and `4278400314` is the 20% darker color. If you saturate the color by 10%, you get `4281295721`, and if you desaturate by 10%, it is `4282672489`.

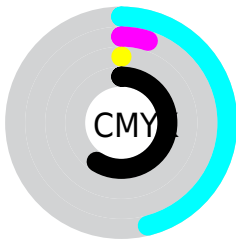
Distribution



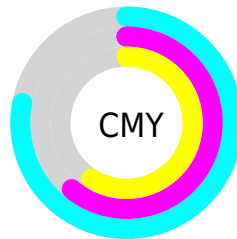
- Red (22%)
- Green (39%)
- Blue (41%)



- Red (22%)
- Yellow (31%)
- Blue (41%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (59%)



- Cyan (78%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281951337 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 4281951337 by changing the saturation by 10% instead.



4281951337



4281951337

4294967295



4280306769



4285241244



4278400314



4286952119



4278198308



4288728531



4278190352



4290570735



4278190080



4292411391



4294311935



4281951337



4281951337



4281295721



4282672489

■ 4280574569

■ 4283328105

■ 4279918953

■ 4284049257

■ 4279197801

■ 4284704873

■ 4278542185

■ 4285426025

■ 4278214249

■ 4286081897

■ 4286803049

■ 4287458665

■ 4288179817

Harmonies

Analogous

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



4282344540



4281951337



4282344050

Triad

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



4281951337



4285355626



4284963908

Complementary

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



4281951337



4285087289

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.



4285618248



4281951337



4285879390

Square

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



4281951337



4284439155



4286010706



4284047431

Rectangle

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



4281951337



4282933366



4286010706



4285225797

Sweetspot

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



4281951337



4285958282



4281952574



4281943109



4291085508



4282729797

Same Dimension

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



4281951337



4282286730



4281945193



4281349430



4278217077



4278246389

Inverse Universe

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



4285086052



4287250050



4285093433



4281741365



4285857897



4294246619

Previews

White Background



This preview shows how the Android color 4281951337 looks on a white background.

Color Contrast Check

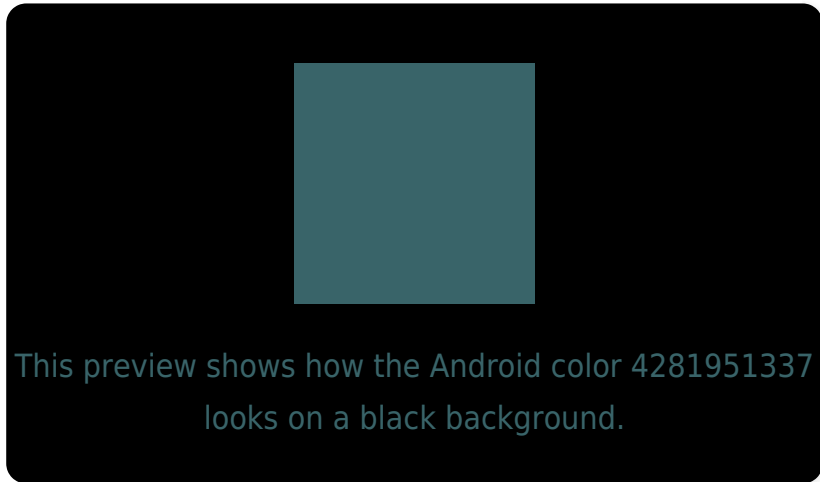
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

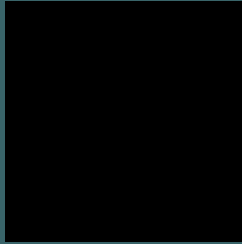
Any Text WCAG AA × Fail

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 4281951337 Background



This preview shows how black text looks on a background with the Android color 4281951337.



This preview shows how white text looks on a background with the Android color 4281951337.

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

4281951337

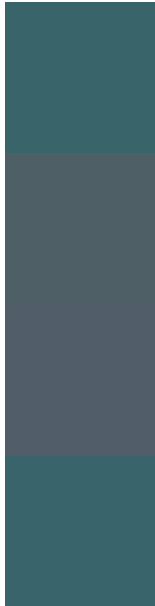
Protanopia

4284243044

Deuteranopia

4284439403

Trichromacy



Original Color
4281951337

Protanomaly
4283391846

Deuteranomaly
4283522666

Tritanomaly
4282016875

Monochromacy



Original Color
4281951337

Achromatopsia
4283979864

Achromatomaly
4283259998

CSS Examples

Text

The CSS property to change the color of the text to Android 4281951337 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(57, 100, 105)` looks like.

```
.text, #text, p{  
    color:rgb(57, 100, 105)  
}
```

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(57, 100, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 100, 105) }
```

Border

The CSS property to change the border of an element to Android 4281951337 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(57, 100, 105) }
```

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

```
.border{ border-color:rgb(57, 100, 105) }
```

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

Here you see how a box with a 4 pixel rgb(57, 100, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 100, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 100, 105);  
box-shadow:4px 4px 4px 4px rgb(57, 100,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4281951337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 100, 105) }
```

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

```
.background{ background-color: rgb(57, 100,  
105) }
```

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