

Converting Colors

Android(4282427537)

Have a look what the booklet for
Android(4282427537) contains.

Android(4282427537)	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(4282427537)

Conversions

Conversions Part 1

Format	Color
Hex	40A891
RGB	64, 168, 145
RGB Percent	25%, 66%, 57%
CMY	0.7490, 0.3412, 0.4314
CMYK	0.62, 0.00, 0.14, 0.34
HSL	167°, 45%, 45%
HSV	167°, 62%, 66%
XYZ	21.2278, 31.1396, 31.6798
YIQ	134.2820, -54.6010, -29.2010

Conversions

Conversions Part 2

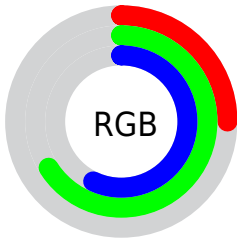
Format	Color
RYB	64, 122, 168
Decimal	4237457
CIELab	62.63, -35.54, 3.03
CIELCh	63, 35.671, 175.121
Yxy	31.1396, 0.2526, 0.3705
Android (android.graphics.Color)	4282427537 (0xFF40A891)
YUV	134.2820, 5.2840, -61.6373
Hunter-Lab	55.8029, -29.7523, 5.4025

Details

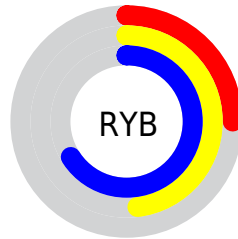
The Android color `4282427537` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289216599`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4286243015`, and `4278219615` is the 20% darker color. If you saturate the color by 10%, you get `4281313421`, and if you desaturate by 10%, it is `4283541653`.

Distribution



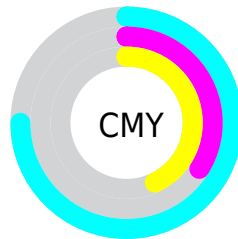
- Red (25%)
- Green (66%)
- Blue (57%)



- Red (25%)
- Yellow (48%)
- Blue (66%)



- Cyan (62%)
- Magenta (0%)
- Yellow (14%)
- Black (34%)



- Cyan (75%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282427537 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 4282427537 by changing the saturation by 10% instead.



4282427537



4282427537

4294967295



4280126839



4286243015



4278219615



4288151011



4278213191



4290052095



4278207025



4291952639



4278201116



4293853183



4278194434



4278190080



4282427537



4282427537



4281313421



4283541653

■ 4280199306

■ 4284655768

■ 4279150726

■ 4285704348

■ 4278233219

■ 4286818464

■ 4287932580

■ 4289046695

■ 4290160811

■ 4291209391

■ 4292323506

Harmonies

Analogous

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



4285310322



4282427537



4278233265

Triad

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



4282427537



4287861201



4291397989

Complementary

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



4282427537



4289216599

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.



4292182142



4282427537



4290414268

Square

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



4282427537



4284456150



4291919774



4289827928

Rectangle

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



4282427537



4278232771



4291919774



4291724652

Sweetspot

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



4282427537



4289911762



4284000320



4283723368



4293783021



4285427310

Same Dimension

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



4282427537



4281981879



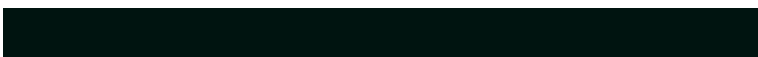
4282420392



4283192402



4278228083



4278195216

Inverse Universe

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



4289216599



4292557149



4289223744



4283714638



4287889441



4279500805

Previews

White Background



This preview shows how the Android color 4282427537 looks on a white background.

Color Contrast Check

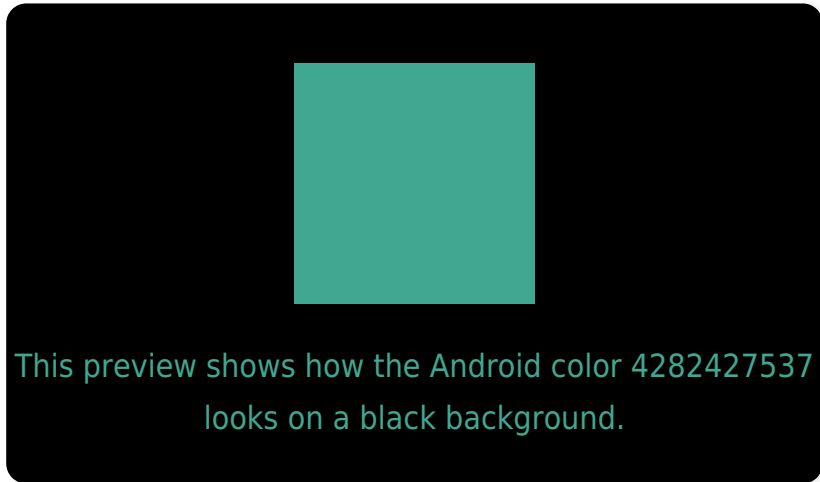
Large Text (above 18pt) WCAG AA × Fail

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 4282427537 Background



This preview shows how black text looks on a background with the Android color 4282427537.



This preview shows how white text looks on a background with the Android color 4282427537.

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

4282427537



Protanomaly

4286291339



Deuteranomaly

4286618260



Tritanomaly

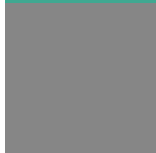
4282951077

Monochromacy



Original Color

4282427537



Achromatopsia

4287006342



Achromatomaly

4285371018

CSS Examples

Text

The CSS property to change the color of the text to Android 4282427537 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(64, 168, 145)` looks like.

```
.text, #text, p{  
    color:rgb(64, 168, 145)  
}
```

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(64, 168, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 168, 145) }
```

Border

The CSS property to change the border of an element to Android 4282427537 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(64, 168, 145) }
```

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

```
.border{ border-color:rgb(64, 168, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 168, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 168, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 168, 145);  
box-shadow:4px 4px 4px 4px rgb(64, 168,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4282427537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 168, 145) }
```

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

```
.background{ background-color: rgb(64, 168,  
145) }
```

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