

Converting Colors

Android(4280837937)

Have a look what the booklet for
Android(4280837937) contains.

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Color

Android(4280837937)

Conversions

Conversions Part 1

Format	Color
Hex	286731
RGB	40, 103, 49
RGB Percent	16%, 40%, 19%
CMY	0.8431, 0.5961, 0.8078
CMYK	0.61, 0.00, 0.52, 0.60
HSL	129°, 44%, 28%
HSV	129°, 61%, 40%
XYZ	6.2797, 10.3734, 4.5770
YIQ	78.0070, -20.2140, -30.1500

Conversions

Conversions Part 2

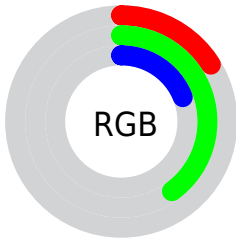
Format	Color
RYB	40, 95, 103
Decimal	2647857
CIELab	38.50, -32.80, 24.43
CIELCh	39, 40.900, 143.318
Yxy	10.3734, 0.2958, 0.4886
Android (android.graphics.Color)	4280837937 (0xFF286731)
YUV	78.0070, -14.3005, -33.3321
Hunter-Lab	32.2077, -21.5604, 14.1197

Details

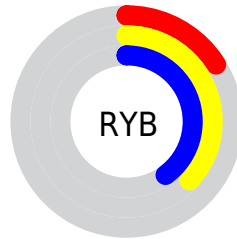
The Android color `4280837937` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4284950622`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4284259168`, and `4278204163` is the 20% darker color. If you saturate the color by 10%, you get `4280182568`, and if you desaturate by 10%, it is `4281493306`.

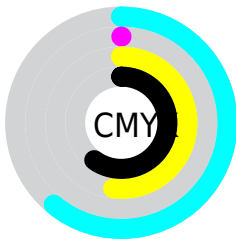
Distribution



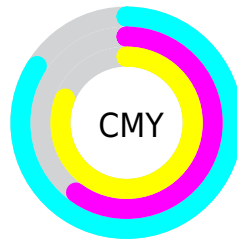
- Red (16%)
- Green (40%)
- Blue (19%)



- Red (16%)
- Yellow (37%)
- Blue (40%)



- Cyan (61%)
- Magenta (0%)
- Yellow (52%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280837937 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 4280837937 by changing the saturation by 10% instead.



4280837937



4280837937

4294967295



4278799899



4284259168



4278204163



4285970042



4278199040



4287746708



4278190080



4289523374



4291362762



4293263334



4280837937



4280837937



4280182568



4281493306

■ 4279461663

■ 4282214211

■ 4278806295

■ 4282869579

■ 4278216463

■ 4283524948

■ 4284245853

■ 4284901222

■ 4285556591

■ 4286211960

■ 4286932864

Harmonies

Analogous

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



4283654424



4280837937



4278217298

Triad

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



4280837937



4278215068



4288036418

Complementary

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



4280837937



4284950622

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.



4287839332



4280837937



4283323800

Square

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



4280837937



4278216847



4286334851



4287252774

Rectangle

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



4280837937



4278217577



4286334851



4288101453

Sweetspot

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



4280837937



4285499250



4284442408



4281746744



4291085508



4282729797

Same Dimension

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



4280837937



4280583987



4280837968



4281217839



4278219536



4278252067

Inverse Universe

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



4284950622



4287046777



4284950591



4281544242



4285726818



4294050000

Previews

White Background



This preview shows how the Android color 4280837937 looks on a white background.

Color Contrast Check

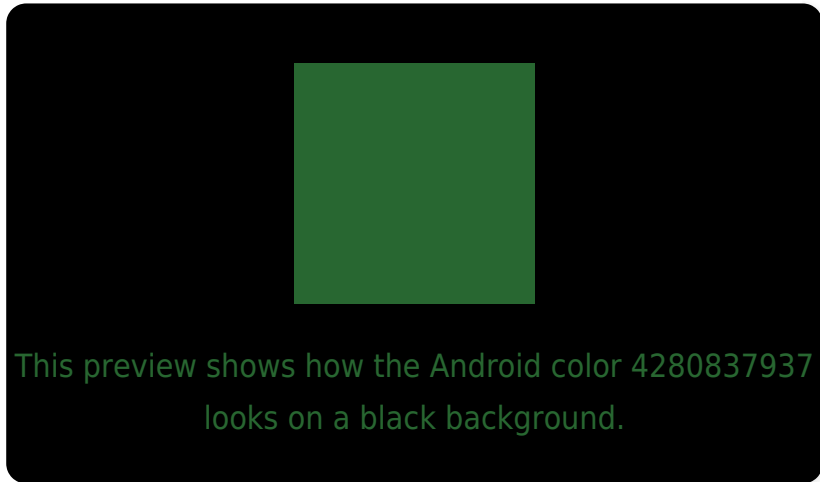
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280837937 Background



This preview shows how black text looks on a background with the Android color 4280837937.



This preview shows how white text looks on a background with the Android color 4280837937.

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
4280837937

Protanopia
4284766765

Deuteranopia
4285421109

Trichromacy



Original Color
4280837937

Protanomaly
4283326254

Deuteranomaly
4283784244

Tritanomaly
4281492309

Monochromacy



Original Color
4280837937

Achromatopsia
4283321934

Achromatomaly
4282406723

CSS Examples

Text

The CSS property to change the color of the text to Android 4280837937 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(40, 103, 49)` looks like.

```
.text, #text, p{  
    color:rgb(40, 103, 49)  
}
```

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(40, 103, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 103, 49) }
```

Border

The CSS property to change the border of an element to Android 4280837937 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(40, 103, 49) }
```

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

```
.border{ border-color:rgb(40, 103, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 103, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 103, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 103, 49);  
box-shadow:4px 4px 4px 4px rgb(40, 103,  
49) }
```

Background

The CSS property to change the background color of an element to Android 4280837937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 103, 49) }
```

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

```
.background{ background-color: rgb(40, 103,  
49) }
```

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](#).

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