

Converting Colors

Android(4280437038)

Have a look what the booklet for
Android(4280437038) contains.

Android(4280437038)	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(4280437038)

Conversions

Conversions Part 1

Format	Color
Hex	22492E
RGB	34, 73, 46
RGB Percent	13%, 29%, 18%
CMY	0.8667, 0.7137, 0.8196
CMYK	0.53, 0.00, 0.37, 0.71
HSL	138°, 36%, 21%
HSV	138°, 53%, 29%
XYZ	3.5354, 5.3024, 3.4219
YIQ	58.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

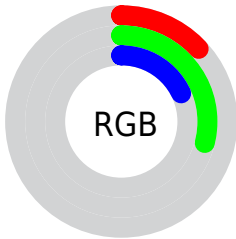
Format	Color
R_{YB}	34, 64, 73
Decimal	2246958
CIE _{Lab}	27.58, -20.94, 12.02
CIE _{LCh}	28, 24.144, 150.137
Yxy	5.3024, 0.2884, 0.4325
Android (android.graphics.Color)	4280437038 (0xFF22492E)
YUV	58.2610, -6.0447, -21.2769
Hunter-Lab	23.0270, -12.8918, 7.3082

Details

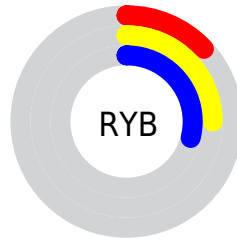
The Android color **4280437038** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282982973**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4283595356**, and **4278197760** is the 20% darker color. If you saturate the color by 10%, you get **4279978281**, and if you desaturate by 10%, it is **4280895795**.

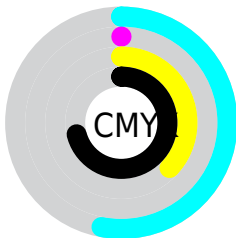
Distribution



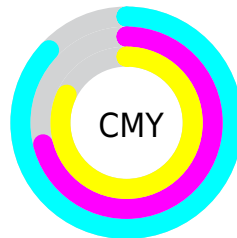
- Red (13%)
- Green (29%)
- Blue (18%)



- Red (13%)
- Yellow (25%)
- Blue (29%)



- Cyan (53%)
- Magenta (0%)
- Yellow (37%)
- Black (71%)



- Cyan (87%)
- Magenta (71%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280437038 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 4280437038 by changing the saturation by 10% instead.



4280437038



4280437038

4294967295



4278858265



4283595356



4278197760



4285174901



4278190080



4286885774



4288662185



4290438852



4292280288



4294115325



4280437038



4280437038

■ 4279978281

■ 4280895795

■ 4279453988

■ 4281420088

■ 4278995231

■ 4281878845

■ 4278536474

■ 4282337602

■ 4278208790

■ 4282796359

■ 4283320652

■ 4283779409

■ 4284238166

■ 4284762459

Harmonies

Analogous

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



4281943584



4280437038



4278209345

Triad

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



4280437038



4280370022



4284691504

Complementary

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



4280437038



4282982973

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.



4284691010



4280437038



4282596449

Square

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



4280437038



4278208609



4283970900



4284168481

Rectangle

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



4280437038



4278209357



4283970900



4284756533

Sweetspot

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



4280437038



4283391572



4282206498



4280758314



4289769648



4281348144

Same Dimension

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



4280437038



4280442421



4280437057



4280296481



4278215455



4278248262

Inverse Universe

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



4282982973



4284359244



4282982954



4280557603



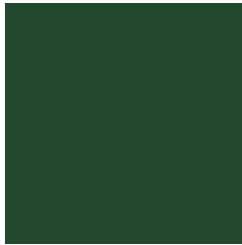
4284678213



4293066909

Previews

White Background



This preview shows how the Android color 4280437038 looks on a white background.

Color Contrast Check

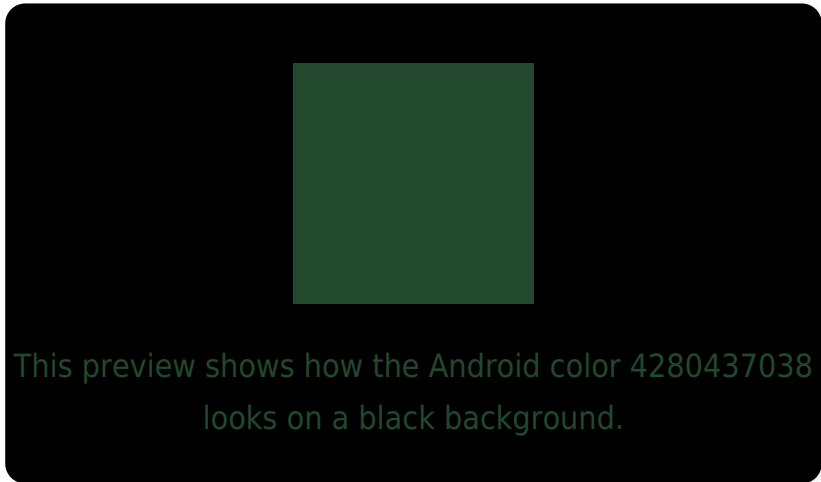
Large Text (above 18pt) WCAG AA ✓ Pass

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

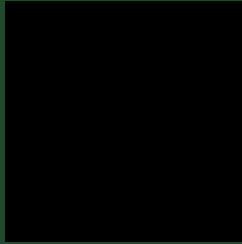
Any Text WCAG AA × Fail

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 4280437038 Background



This preview shows how black text looks on a background with the Android color 4280437038.



This preview shows how white text looks on a background with the Android color 4280437038.

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
4280437038

Protanopia
4282859819

Deuteranopia
4283252272

Trichromacy



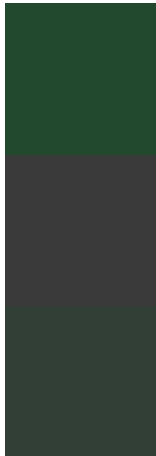
Original Color
4280437038

Protanomaly
4282008620

Deuteranomaly
4282204719

Tritanomaly
4280763968

Monochromacy



Original Color
4280437038

Achromatopsia
4282006074

Achromatomaly
4281417526

CSS Examples

Text

The CSS property to change the color of the text to Android 4280437038 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(34, 73, 46)` looks like.

```
.text, #text, p{  
    color:rgb(34, 73, 46)  
}
```

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(34, 73, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 73, 46) }
```

Border

The CSS property to change the border of an element to Android 4280437038 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(34, 73, 46) }
```

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

```
.border{ border-color:rgb(34, 73, 46) }
```

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

Here you see how a box with a 4 pixel rgb(34, 73, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 73, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 73, 46);  
box-shadow:4px 4px 4px 4px rgb(34, 73, 46)  
}
```

Background

The CSS property to change the background color of an element to Android 4280437038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 73, 46) }
```

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

```
.background{ background-color: rgb(34, 73,  
46) }
```

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