

Converting Colors

Android(4282069838)

Have a look what the booklet for
Android(4282069838) contains.

Android(4282069838)	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(4282069838)

Conversions

Conversions Part 1

Format	Color
Hex	3B334E
RGB	59, 51, 78
RGB Percent	23%, 20%, 31%
CMY	0.7686, 0.8000, 0.6941
CMYK	0.24, 0.35, 0.00, 0.69
HSL	258°, 21%, 25%
HSV	258°, 35%, 31%
XYZ	4.3626, 3.8475, 7.7204
YIQ	56.4700, -3.8990, 10.0930

Conversions

Conversions Part 2

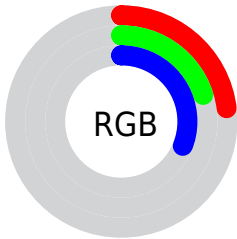
Format	Color
R_YB	59, 51, 78
Decimal	3879758
CIE Lab	23.16, 10.23, -15.26
CIE LCh	23, 18.370, 303.823
Yxy	3.8475, 0.2739, 0.2415
Android (android.graphics.Color)	4282069838 (0xFF3B334E)
YUV	56.4700, 10.6143, 2.2188
Hunter-Lab	19.6151, 5.3739, -9.6058

Details

The Android color **4282069838** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4282797619**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4285227391**, and **4279371042** is the 20% darker color. If you saturate the color by 10%, you get **4281740110**, and if you desaturate by 10%, it is **4282399566**.

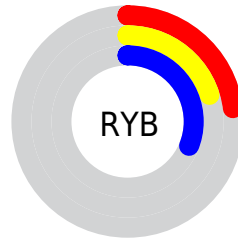
Distribution



Red (23%)

Green (20%)

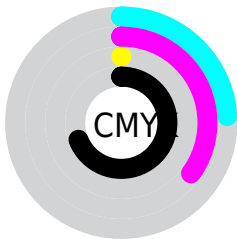
Blue (31%)



Red (23%)

Yellow (20%)

Blue (31%)

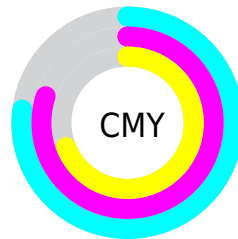


Cyan (24%)

Magenta (35%)

Yellow (0%)

Black (69%)



Cyan (77%)

Magenta (80%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282069838 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 4282069838 by changing the saturation by 10% instead.



4282069838



4282069838

4294967295



4280622647



4285227391



4279371042



4286872217



4278190088



4288582836



4278190080



4290359248



4292201196



4294108927



4282069838



4282069838



4281740110



4282399566

■ 4281344846

■ 4282794830

■ 4281015374

■ 4283124302

■ 4280620110

■ 4283519566

■ 4280290382

■ 4283849294

■ 4279895118

■ 4284244558

■ 4279697486

■ 4284574286

■ 4284969294

■ 4285299022

Harmonies

Analogous

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



4280694866



4282069838



4283051588

Triad

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



4282069838



4283052575



4278795833

Complementary

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



4282069838



4282797619

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.



4280237355



4282069838



4282267419

Square

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



4282069838



4283510313



4281350944



4278206022

Rectangle

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



4282069838



4283444539



4281350944



4279320116

Sweetspot

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



4282069838



4284439654



4281550414



4281281843



4289967027



4281545523

Same Dimension

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



4282069838



4282923878



4282921806



4280558118



4280156262



4282646758

Inverse Universe

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



4283315014



4284889945



4281945651



4280689189



4284874824



4293263521

Previews

White Background



This preview shows how the Android color 4282069838 looks on a white background.

Color Contrast Check

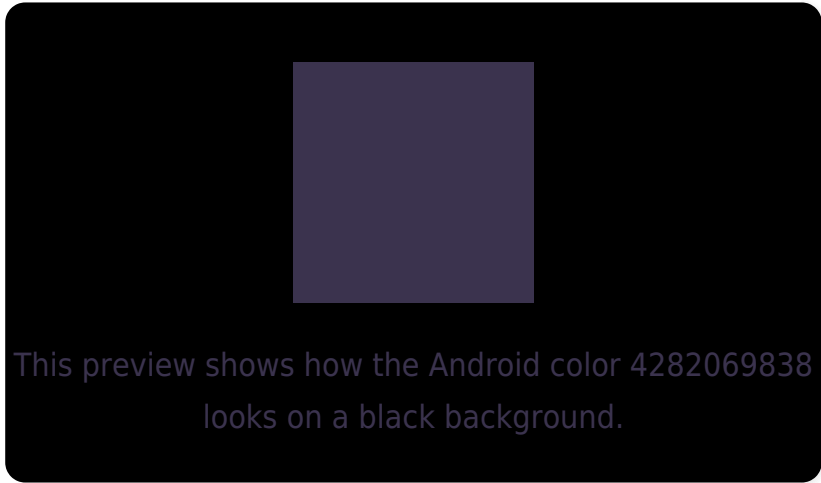
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282069838 Background



This preview shows how black text looks on a background with the Android color 4282069838.



This preview shows how white text looks on a background with the Android color 4282069838.

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

4282069838

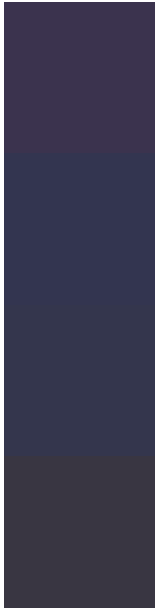
Protanopia

4281284177

Deuteranopia

4281349965

Trichromacy



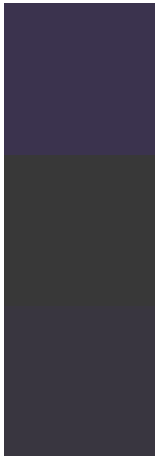
Original Color
4282069838

Protanomaly
4281546064

Deuteranomaly
4281611853

Tritanomaly
4281939522

Monochromacy



Original Color
4282069838

Achromatopsia
4281874488

Achromatomaly
4281939520

CSS Examples

Text

The CSS property to change the color of the text to Android 4282069838 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(59, 51, 78)` looks like.

```
.text, #text, p{  
    color:rgb(59, 51, 78)  
}
```

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(59, 51, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 51, 78) }
```

Border

The CSS property to change the border of an element to Android 4282069838 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(59, 51, 78) }
```

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

```
.border{ border-color:rgb(59, 51, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 51, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 51, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 51, 78);  
box-shadow:4px 4px 4px 4px rgb(59, 51, 78)  
}
```

Background

The CSS property to change the background color of an element to Android 4282069838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 51, 78) }
```

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

```
.background{ background-color: rgb(59, 51,  
78) }
```

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