

Converting Colors

Android(4282038382)

Have a look what the booklet for
Android(4282038382) contains.

Android(4282038382)	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(4282038382)

Conversions

Conversions Part 1

Format	Color
Hex	3AB86E
RGB	58, 184, 110
RGB Percent	23%, 72%, 43%
CMY	0.7725, 0.2784, 0.5686
CMYK	0.68, 0.00, 0.40, 0.28
HSL	145°, 52%, 47%
HSV	145°, 68%, 72%
XYZ	21.6999, 36.3063, 20.6160
YIQ	137.8900, -51.3420, -49.7260

Conversions

Conversions Part 2

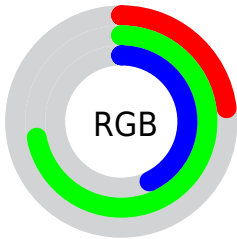
Format	Color
RYB	58, 147, 184
Decimal	3848302
CIELab	66.75, -51.10, 27.83
CIELCh	67, 58.191, 151.425
Yxy	36.3063, 0.2760, 0.4618
Android (android.graphics.Color)	4282038382 (0xFF3AB86E)
YUV	137.8900, -13.7498, -70.0635
Hunter-Lab	60.2547, -41.1615, 21.8924

Details


The Android color `4282038382` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4290263684`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4286116258`, and `4278223421` is the 20% darker color. If you saturate the color by 10%, you get `4280858723`, and if you desaturate by 10%, it is `4283218041`.

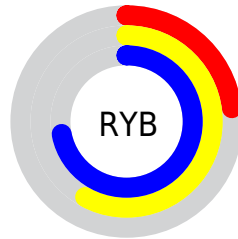
Distribution



 Red (23%)

 Green (72%)

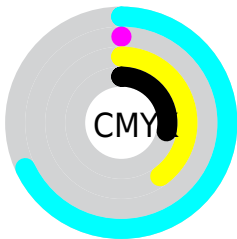
 Blue (43%)




 Red (23%)

 Yellow (58%)

 Blue (72%)

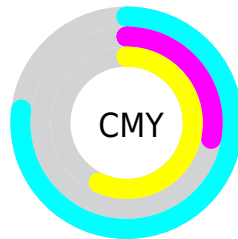


 Cyan (68%)

 Magenta (0%)

 Yellow (40%)

 Black (28%)



 Cyan (77%)

 Magenta (28%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282038382 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 4282038382 by changing the saturation by 10% instead.



4282038382



4282038382

4294967295



4278950997



4286116258



4278223421



4288020414



4278216742



4289986522



4278210063



4291887094



4278203904



4293853183



4278198016



4278190080



4282038382



4282038382



4280858723



4283218041

 4279613528

 4284463236

 4278433870

 4285642894


 4278237260

 4286888089

 4288067748

 4289247407

 4290492602

 4291672260

 4292917455

Harmonies

Analogous

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



4287082307



4282038382



4278238371

Triad

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



4282038382



4281051135



4294933103

Complementary

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



4282038382



4290263684

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.



4294931362



4282038382



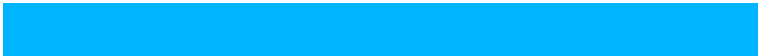
4289172732

Square

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



4282038382



4278236670



4293164757



4293299526

Rectangle

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



4282038382



4278238407



4293164757



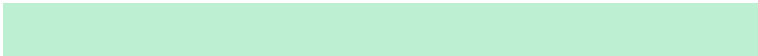
4294932095

Sweetspot

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



4282038382



4290638034



4287019066



4284119142



4294440951



4286085240

Same Dimension

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



4282038382



4281069692



4282038443



4283653206



4278230080



4278197260

Inverse Universe

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



4290263684



4293929887



4290263623



4284240728



4288413787



4280025104

Previews

White Background



This preview shows how the Android color 4282038382 looks on a white background.

Color Contrast Check

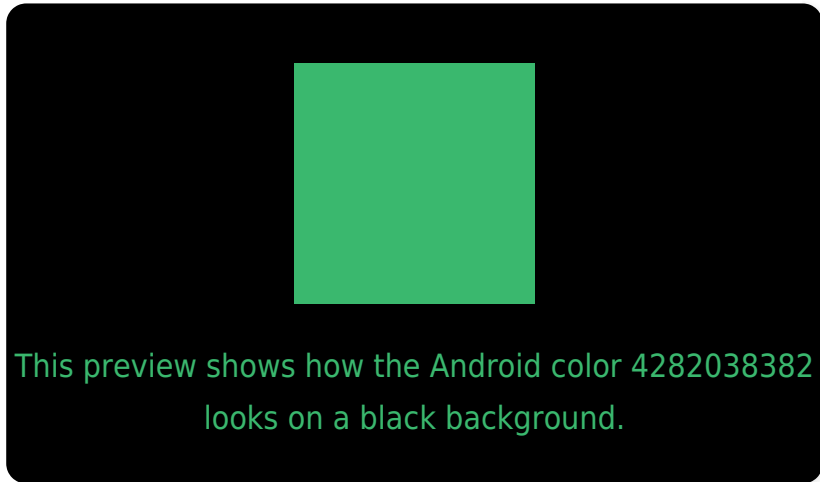
Large Text (above 18pt) WCAG AA × Fail

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

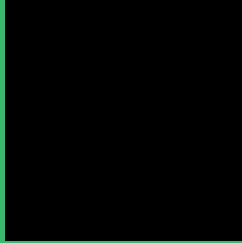
Any Text WCAG AA ✓ Pass

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 4282038382 Background



This preview shows how black text looks on a background with the Android color 4282038382.



This preview shows how white text looks on a background with the Android color 4282038382.

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

4282038382



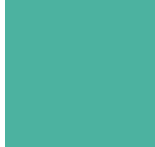
Protanomaly

4286949736



Deuteranomaly

4287604082



Tritanomaly

4283216544

Monochromacy



Original Color

4282038382



Achromatopsia

4287269514



Achromatomaly

4285373312

CSS Examples

Text

The CSS property to change the color of the text to Android 4282038382 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(58, 184, 110)` looks like.

```
.text, #text, p{  
    color:rgb(58, 184, 110)  
}
```

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(58, 184, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 184, 110) }
```

Border

The CSS property to change the border of an element to Android 4282038382 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(58, 184, 110) }
```

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

```
.border{ border-color:rgb(58, 184, 110) }
```

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

Here you see how a box with a 4 pixel rgb(58, 184, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 184, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 184, 110);  
box-shadow:4px 4px 4px 4px rgb(58, 184,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4282038382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 184, 110) }
```

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

```
.background{ background-color: rgb(58, 184,  
110) }
```

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