

Converting Colors

Android(4282302833)

Have a look what the booklet for
Android(4282302833) contains.

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Color

Android(4282302833)

Conversions

Conversions Part 1

Format	Color
Hex	3EC171
RGB	62, 193, 113
RGB Percent	24%, 76%, 44%
CMY	0.7569, 0.2431, 0.5569
CMYK	0.68, 0.00, 0.41, 0.24
HSL	143°, 51%, 50%
HSV	143°, 68%, 76%
XYZ	24.0372, 40.3563, 22.1454
YIQ	144.7110, -52.3960, -52.6520

Conversions

Conversions Part 2

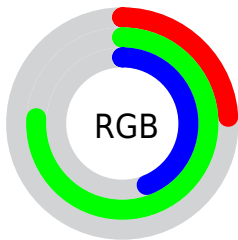
Format	Color
RYB	62, 156, 193
Decimal	4112753
CIELab	69.72, -53.30, 30.18
CIELCh	70, 61.252, 150.481
Yxy	40.3563, 0.2778, 0.4663
Android (android.graphics.Color)	4282302833 (0xFF3EC171)
YUV	144.7110, -15.6335, -72.5375
Hunter-Lab	63.5266, -43.6307, 23.8001

Details

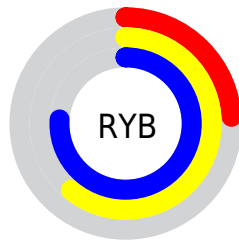
The Android color `4282302833` is a dark color, and the websafe version is hex `33CC66`. The color can be described as dark muted spring green. A complement of this color would be `4290854542`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4286380710`, and `4278225472` is the 20% darker color. If you saturate the color by 10%, you get `4281057637`, and if you desaturate by 10%, it is `4283548029`.

Distribution



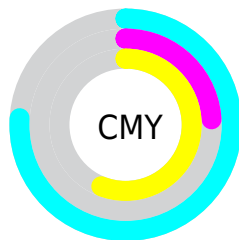
- Red (24%)
- Green (76%)
- Blue (44%)



- Red (24%)
- Yellow (61%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282302833 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 4282302833 by changing the saturation by 10% instead.



4282302833



4282302833

4294967295



4279346520



4286380710



4278225472



4288348097



4278218792



4290314205



4278212112



4292214778



4278205696



4294180863



4278200064



4278190080



4282302833



4282302833



4281057637



4283548029

■ 4279746905

■ 4284858761

■ 4278501710

■ 4286103956

■ 4278239563

■ 4287349152

■ 4288659884

■ 4289905080

■ 4291150276

■ 4292395471

■ 4293706203

Harmonies

Analogous

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



4287608644



4282302833



4278240682

Triad

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



4282302833



4279677183



4294934389

Complementary

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



4282302833



4290854542

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.



4294932652



4282302833



4289567743

Square

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



4282302833



4278238975



4293887202



4294153033

Rectangle

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



4282302833



4278240720



4293887202



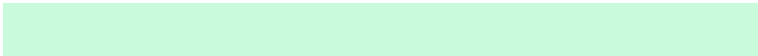
4294933127

Sweetspot

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



4282302833



4291361499



4287611198



4284448107



4294769916



4286414205

Same Dimension

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



4282302833



4281334398



4282302898



4283916635



4278231359



4278198541

Inverse Universe

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



4290854542



4294586283



4290854477



4284569437



4288741474



4280352788

Previews

White Background



This preview shows how the Android color 4282302833 looks on a white background.

Color Contrast Check

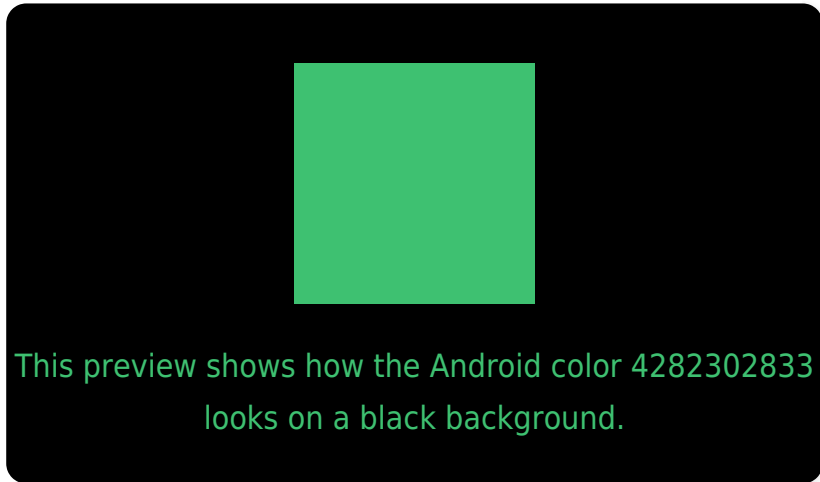
Large Text (above 18pt) WCAG AA × Fail

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

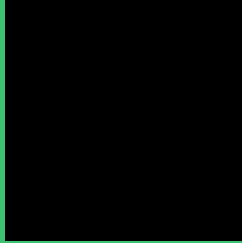
Any Text WCAG AA ✓ Pass

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 4282302833 Background



This preview shows how black text looks on a background with the Android color 4282302833.



This preview shows how white text looks on a background with the Android color 4282302833.

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
4282302833

Protanopia
4290357608

Deuteranopia
4291404408

Trichromacy



Original Color

4282302833



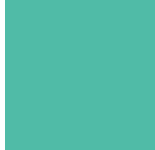
Protanomaly

4287410795



Deuteranomaly

4288064885



Tritanomaly

4283480999

Monochromacy



Original Color

4282302833



Achromatopsia

4287730065



Achromatomaly

4285768325

CSS Examples

Text

The CSS property to change the color of the text to Android 4282302833 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(62, 193, 113)` looks like.

```
.text, #text, p{  
    color:rgb(62, 193, 113)  
}
```

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(62, 193, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 193, 113) }
```

Border

The CSS property to change the border of an element to Android 4282302833 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(62, 193, 113) }
```

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

```
.border{ border-color:rgb(62, 193, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 193, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 193, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 193, 113);  
box-shadow:4px 4px 4px 4px rgb(62, 193,  
113) }
```

Background

The CSS property to change the background color of an element to Android 4282302833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 193, 113) }
```

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

```
.background{ background-color: rgb(62, 193,  
113) }
```

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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