

Converting Colors

Android(4281263022)

Have a look what the booklet for
Android(4281263022) contains.

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Color

Android(4281263022)

Conversions

Conversions Part 1

Format	Color
Hex	2EE3AE
RGB	46, 227, 174
RGB Percent	18%, 89%, 68%
CMY	0.8196, 0.1098, 0.3176
CMYK	0.80, 0.00, 0.23, 0.11
HSL	162°, 76%, 54%
HSV	162°, 80%, 89%
XYZ	36.2358, 58.5750, 49.4407
YIQ	166.8390, -90.8630, -54.8550

Conversions

Conversions Part 2

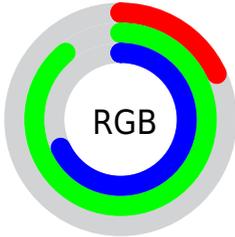
Format	Color
RYB	46, 152, 227
Decimal	3072942
CIELab	81.06, -55.80, 13.62
CIELCh	81, 57.437, 166.285
Yxy	58.5750, 0.2512, 0.4061
Android (android.graphics.Color)	4281263022 (0xFF2EE3AE)
YUV	166.8390, 3.5304, -105.9758
Hunter-Lab	76.5343, -49.4228, 15.2730

Details

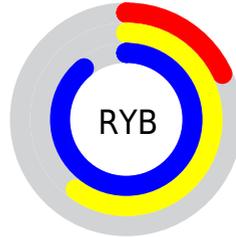
The Android color `4281263022` is a dark color, and the websafe version is hex `00CC99`. The color can be described as middle washed spring green. A complement of this color would be `4293078627`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4286250982`, and `4278233722` is the 20% darker color. If you saturate the color by 10%, you get `4279755687`, and if you desaturate by 10%, it is `4282770357`.

Distribution



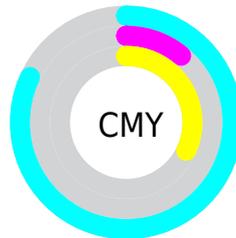
- Red (18%)
- Green (89%)
- Blue (68%)



- Red (18%)
- Yellow (60%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281263022 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 4281263022 by changing the saturation by 10% instead.



4281263022



4281263022

4294967295



4278240915



4286250982



4278233722



4288348159



4278226785



4290379775



4278219849



4292476927



4278213426



4294508543



4278206749



4278201093



4278191872



4278190080

 4281263022

 4281263022

 4279755687

 4282770357

 4278313889

 4284212155

 4278248353

 4285719490

 4287226825

 4288734159

 4290175958

 4291683293

 4293190627

 4294632426

Harmonies

Analogous

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



4287683708



4281263022



4278248934

Triad

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



4281263022



4288988671



4294945406

Complementary

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



4281263022



4293078627

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.



4294942126



4281263022



4294160639

Square

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



4281263022



4278245119



4294942692



4294884959

Rectangle

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



4281263022



4278248447



4294942692



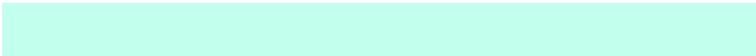
4294943884

Sweetspot

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



4281263022



4290969581



4284801838



4284186741



4278190080



4286611584

Same Dimension

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



4281263022



4278910903



4281253859



4284969839



4278236030



4278203172

Inverse Universe

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



4293078627



4294904402



4293087790



4285753195



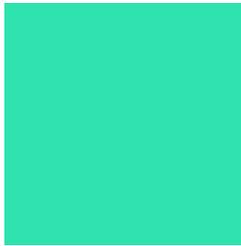
4289921076



4281532431

Previews

White Background



This preview shows how the Android color 4281263022 looks on a white background.

Color Contrast Check

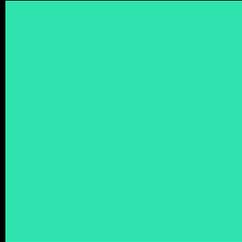
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4281263022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

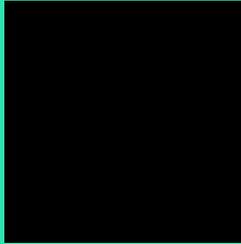
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

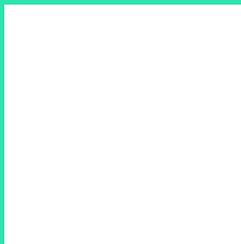
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281263022 Background



This preview shows how black text looks on a background with the Android color 4281263022.

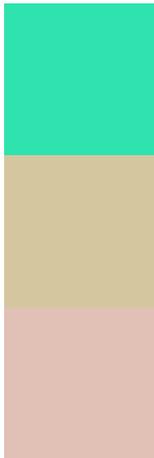


This preview shows how white text looks on a background with the Android color 4281263022.

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
4281263022

Protanopia
4292134816

Deuteranopia
4292985014



Tritanopia
4283685868

Trichromacy



Original Color

4281263022



Protanomaly

4288205221



Deuteranomaly

4288728499



Tritanomaly

4282834645

Monochromacy



Original Color

4281263022



Achromatopsia

4289177511



Achromatomaly

4286299562

CSS Examples

Text

The CSS property to change the color of the text to Android 4281263022 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(46, 227, 174)` looks like.

```
.text, #text, p{  
    color:rgb(46, 227, 174)  
}
```

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(46, 227, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 227, 174) }
```

Border

The CSS property to change the border of an element to Android 4281263022 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(46, 227, 174) }
```

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

```
.border{ border-color:rgb(46, 227, 174) }
```

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

Here you see how a box with a 4 pixel rgb(46, 227, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 227, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 227, 174);  
box-shadow:4px 4px 4px 4px rgb(46, 227,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4281263022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 227, 174) }
```

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

```
.background{ background-color: rgb(46, 227,  
174) }
```

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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