

Converting Colors

Android(4283021231)

Have a look what the booklet for
Android(4283021231) contains.

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Color

Android(4283021231)

Conversions

Conversions Part 1

Format	Color
Hex	49B7AF
RGB	73, 183, 175
RGB Percent	29%, 72%, 69%
CMY	0.7137, 0.2824, 0.3137
CMYK	0.60, 0.00, 0.04, 0.28
HSL	176°, 43%, 50%
HSV	176°, 60%, 72%
XYZ	27.4190, 38.3786, 46.5201
YIQ	149.1980, -62.9920, -25.8080

Conversions

Conversions Part 2

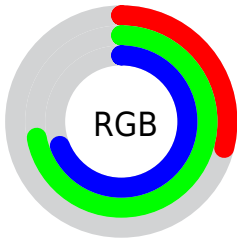
Format	Color
RYB	73, 130, 183
Decimal	4831151
CIELab	68.30, -32.98, -5.29
CIElCh	68, 33.403, 189.115
Yxy	38.3786, 0.2441, 0.3417
Android (android.graphics.Color)	4283021231 (0xFF49B7AF)
YUV	149.1980, 12.7204, -66.8256
Hunter-Lab	61.9505, -29.4100, -1.1570

Details

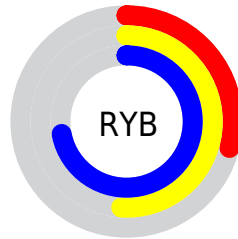
The Android color `4283021231` is a dark color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290201937`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4286967782`, and `4278223227` is the 20% darker color. If you saturate the color by 10%, you get `4281841582`, and if you desaturate by 10%, it is `4284200880`.

Distribution



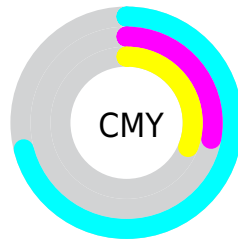
- Red (29%)
- Green (72%)
- Blue (69%)



- Red (29%)
- Yellow (51%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (71%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283021231 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 4283021231 by changing the saturation by 10% instead.

 4283021231

 4283021231

4294967295

 4280720532

 4286967782

 4278223227

 4288872447

 4278216802

 4290772991

 4278210378

 4292739071

 4278204212

 4294705151

 4278199070

 4278190086

 4278190080

 4283021231

 4283021231

■ 4281841582

■ 4284200880

■ 4280596396

■ 4285446066

■ 4279416747

■ 4286625715

■ 4278237098

■ 4287805364

■ 4289050550

■ 4290230199

■ 4291409848

■ 4292589498

■ 4293834683

Harmonies

Analogous

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



4285379984



4283021231



4282103244

Triad

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



4283021231



4290157525



4291665263

Complementary

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



4283021231



4290201937

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.



4292777090



4283021231



4292121277

Square

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



4283021231



4287342306



4293037982



4289898602

Rectangle

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



4283021231



4283282137



4293037982



4292123252

Sweetspot

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



4283021231



4290964970



4283610953



4284315766



4294440951



4286085240

Same Dimension

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



4283021231



4282576353



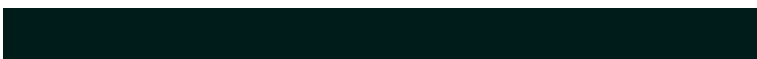
4283009463



4283653211



4278230160



4278197274

Inverse Universe

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



4290201937



4293739087



4290213705



4284240723



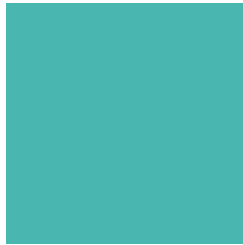
4288413707



4280025090

Previews

White Background



This preview shows how the Android color 4283021231 looks on a white background.

Color Contrast Check

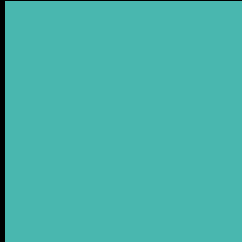
Large Text (above 18pt) WCAG AA × Fail

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 4283021231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

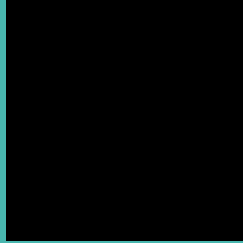
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

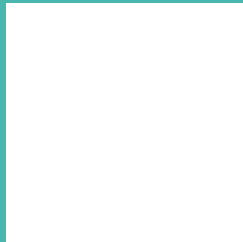
Any Text WCAG AAA ✓ Pass

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

Android 4283021231 Background



This preview shows how black text looks on a background with the Android color 4283021231.

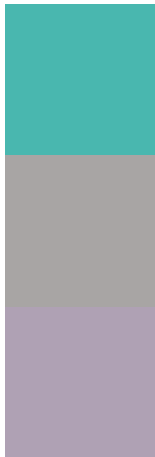


This preview shows how white text looks on a background with the Android color 4283021231.

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](#).

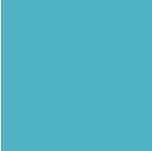
Dichromacy



Original Color
4283021231

Protanopia
4289242532

Deuteranopia
4289700276



Tritanopia
4283544771

Trichromacy



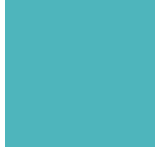
Original Color
4283021231



Protanomaly
4286950568



Deuteranomaly
4287277490



Tritanomaly
4283348412

Monochromacy



Original Color
4283021231



Achromatopsia
4287993237



Achromatomaly
4286161310

CSS Examples

Text

The CSS property to change the color of the text to Android 4283021231 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(73, 183, 175)` looks like.

```
.text, #text, p{  
    color:rgb(73, 183, 175)  
}
```

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(73, 183, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 183, 175) }
```

Border

The CSS property to change the border of an element to Android 4283021231 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(73, 183, 175) }
```

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

```
.border{ border-color:rgb(73, 183, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 183, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 183, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 183, 175);  
box-shadow:4px 4px 4px 4px rgb(73, 183,  
175) }
```

Background

The CSS property to change the background color of an element to Android 4283021231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 183, 175) }
```

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

```
.background{ background-color: rgb(73, 183,  
175) }
```

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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