

Converting Colors

Android(4283679410)

Have a look what the booklet for
Android(4283679410) contains.

| | |
|--|----|
| Android(4283679410) | 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(4283679410)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53C2B2 |
| RGB | 83, 194, 178 |
| RGB Percent | 33%, 76%, 70% |
| CMY | 0.6745, 0.2392, 0.3020 |
| CMYK | 0.57, 0.00, 0.08, 0.24 |
| HSL | 171°, 48%, 54% |
| HSV | 171°, 57%, 76% |
| XYZ | 30.8949, 43.6369, 48.9139 |
| YIQ | 158.9870, -61.0200, -28.5080 |

Conversions

Conversions Part 2

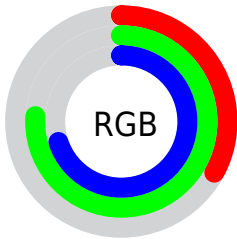
| Format | Color |
|-------------------------------------|---|
| RYB | 83, 143, 194 |
| Decimal | 5489330 |
| CIELab | 71.99, -35.46, -1.48 |
| CIElCh | 72, 35.492, 182.384 |
| Yxy | 43.6369, 0.2503, 0.3535 |
| Android (android.graphics.Color) | 4283679410 (0xFF53C2B2) |
| YUV | 158.9870, 9.3734, -66.6406 |
| Hunter-Lab | 66.0583, -32.1188, 2.3385 |

Details

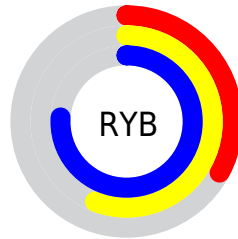
The Android color **4283679410** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **4290925411**, and the grayscale version is **4288651167**.

A 20% lighter version of the original color is **4287560682**, and **4278226045** is the 20% darker color. If you saturate the color by 10%, you get **4282434223**, and if you desaturate by 10%, it is **4284924597**.

Distribution



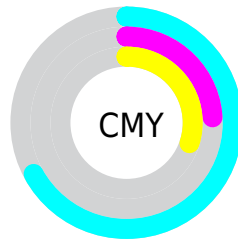
- Red (33%)
- Green (76%)
- Blue (70%)



- Red (33%)
- Yellow (56%)
- Blue (76%)



- Cyan (57%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283679410 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 4283679410 by changing the saturation by 10% instead.



4283679410



4283679410

4294967295



4281509783



4287560682



4278226045



4289462271



4278219365



4291362815



4278212941



4293328895



4278206518



4278200865



4278193674



4278190080




4283679410



4283679410

 4282434223

 4284924597

 4281123500

 4286235320

 4279878314

 4287480506

 4278567591

 4288791229

 4278239910

 4290036416

 4291281603

 4292592326

 4293837512

 4294951627

Harmonies

Analogous

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



4286300049



4283679410



4281975250

Triad

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



4283679410



4290291687



4292846712

Complementary

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



4283679410



4290925411

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.



4293893007



4283679410



4292648399

Square

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



4283679410



4287083505



4293826735



4291080047

Rectangle

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



4283679410



4282826467



4293826735



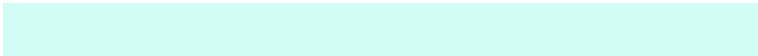
4293304702

Sweetspot

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



4283679410



4292017398



4284793427



4284907644



4278190080



4286611584

Same Dimension

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



4283679410



4283366627



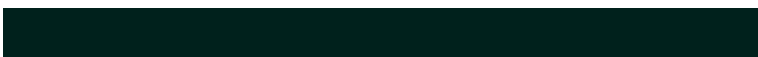
4283669442



4283916640



4278231433



4278198556

Inverse Universe

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



4290925411



4294725223



4290935379



4284569433



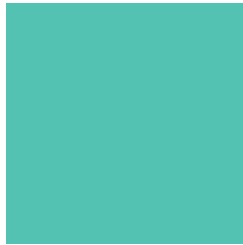
4288741399



4280352773

Previews

White Background



This preview shows how the Android color 4283679410 looks on a white background.

Color Contrast Check

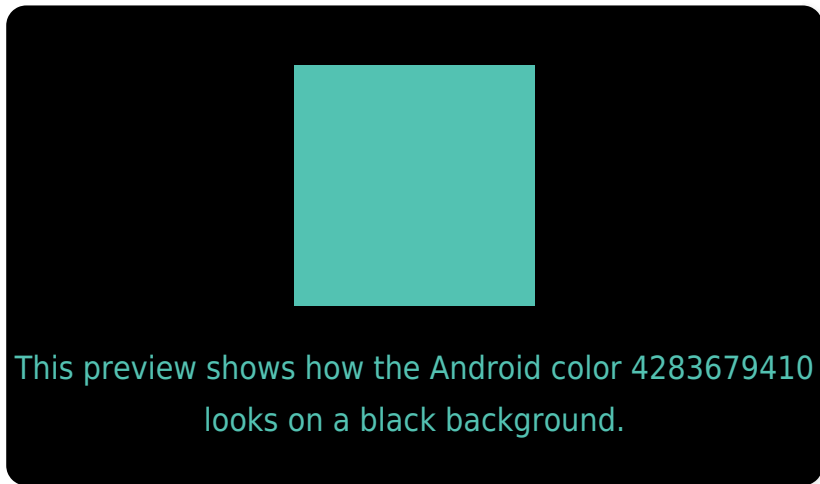
Large Text (above 18pt) WCAG AA × Fail

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 4283679410 Background



This preview shows how black text looks on a background with the Android color 4283679410.



This preview shows how white text looks on a background with the Android color 4283679410.

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

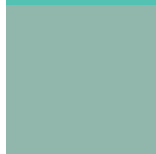


Trichromacy



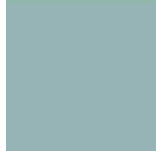
Original Color

4283679410



Protanomaly

4287739563



Deuteranomaly

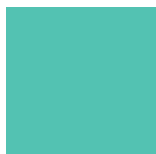
4288066485



Tritanomaly

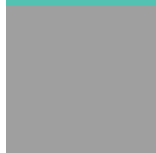
4284071875

Monochromacy



Original Color

4283679410



Achromatopsia

4288651167



Achromatomaly

4286819494

CSS Examples

Text

The CSS property to change the color of the text to Android 4283679410 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(83, 194, 178)` looks like.

```
.text, #text, p{  
    color:rgb(83, 194, 178)  
}
```

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(83, 194, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 194, 178) }
```

Border

The CSS property to change the border of an element to Android 4283679410 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(83, 194, 178) }
```

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

```
.border{ border-color:rgb(83, 194, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 194, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 194, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 194, 178);  
box-shadow:4px 4px 4px 4px rgb(83, 194,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4283679410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 194, 178) }
```

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

```
.background{ background-color: rgb(83, 194,  
178) }
```

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