

Converting Colors

Android(4283942576)

Have a look what the booklet for
Android(4283942576) contains.

Android(4283942576)	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(4283942576)

Conversions

Conversions Part 1

Format	Color
Hex	57C6B0
RGB	87, 198, 176
RGB Percent	34%, 78%, 69%
CMY	0.6588, 0.2235, 0.3098
CMYK	0.56, 0.00, 0.11, 0.22
HSL	168°, 49%, 56%
HSV	168°, 56%, 78%
XYZ	31.9610, 45.5490, 48.1816
YIQ	162.3030, -59.0940, -30.3740

Conversions

Conversions Part 2

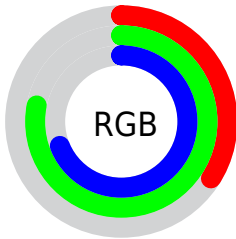
Format	Color
RYB	87, 149, 198
Decimal	5752496
CIELab	73.25, -37.01, 1.48
CIElCh	73, 37.042, 177.716
Yxy	45.5490, 0.2543, 0.3624
Android (android.graphics.Color)	4283942576 (0xFF57C6B0)
YUV	162.3030, 6.7526, -66.0407
Hunter-Lab	67.4900, -33.5758, 4.9154

Details

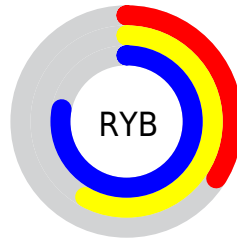
The Android color **4283942576** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **4291188589**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4287823848**, and **4278685564** is the 20% darker color. If you saturate the color by 10%, you get **4282631852**, and if you desaturate by 10%, it is **4285253300**.

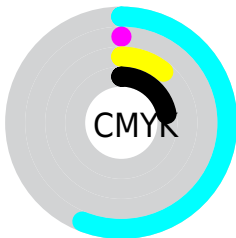
Distribution



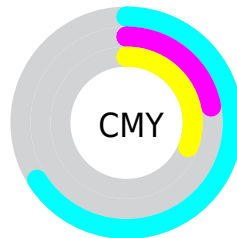
- Red (34%)
- Green (78%)
- Blue (69%)



- Red (34%)
- Yellow (58%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283942576 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 4283942576 by changing the saturation by 10% instead.



4283942576



4283942576

4294967295



4281838229



4287823848



4278685564



4289724415



4278220131



4291624959



4278213707



4293591039



4278207540



4278201631



4278195208



4278190080




4283942576



4283942576

 4282631852

 4285253300

 4281321128

 4286564024

 4280075940


 4287809212

 4278765216

 4289119936

 4278240927

 4290430660

 4291741384

 4293052107

 4294297295

 4294952659

Harmonies

Analogous

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



4286759823



4283942576



4281648850

Triad

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



4283942576



4290030832



4293436796

Complementary

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



4283942576



4291188589

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.



4294352022



4283942576



4292649177

Square

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



4283942576



4286626039



4294154936



4291670384

Rectangle

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



4283942576



4282106853



4294154936



4293829251

Sweetspot

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



4283942576



4292149238



4285384279



4284907642



4278190080



4286611584

Same Dimension

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



4283942576



4283760605



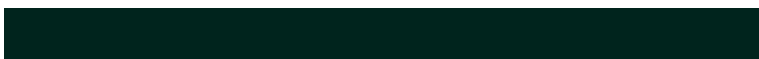
4283934150



4284113761



4278231939



4278199325

Inverse Universe

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



4291188589



4294923382



4291197015



4284701275



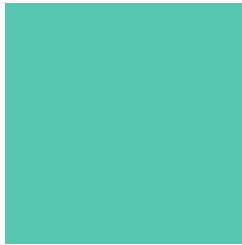
4288872480



4280549383

Previews

White Background



This preview shows how the Android color 4283942576 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 4283942576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

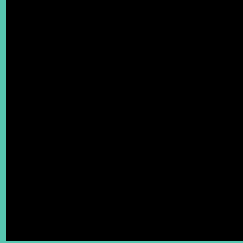
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

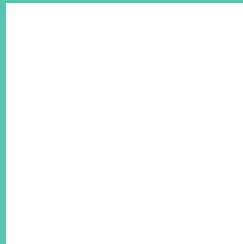
Any Text WCAG AAA ✓ Pass

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

Android 4283942576 Background



This preview shows how black text looks on a background with the Android color 4283942576.

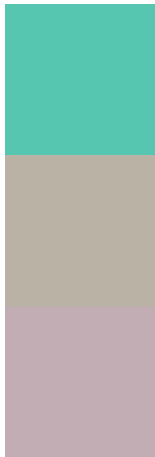


This preview shows how white text looks on a background with the Android color 4283942576.

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
4283942576

Protanopia
4290359973

Deuteranopia
4291014069



Tritanopia
4284727761

Trichromacy



Original Color

4283942576



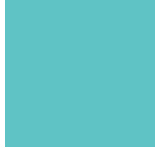
Protanomaly

4288002473



Deuteranomaly

4288460467



Tritanomaly

4284466117

Monochromacy



Original Color

4283942576



Achromatopsia

4288848546



Achromatomaly

4287082407

CSS Examples

Text

The CSS property to change the color of the text to Android 4283942576 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(87, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(87, 198, 176)  
}
```

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(87, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 198, 176) }
```

Border

The CSS property to change the border of an element to Android 4283942576 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(87, 198, 176) }
```

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

```
.border{ border-color:rgb(87, 198, 176) }
```

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

Here you see how a box with a 4 pixel rgb(87, 198, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(87, 198,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4283942576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 198, 176) }
```

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

```
.background{ background-color: rgb(87, 198,  
176) }
```

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