

Converting Colors

Android(4283813806)

Have a look what the booklet for
Android(4283813806) contains.

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Color

Android(4283813806)

Conversions

Conversions Part 1

Format	Color
Hex	55CFAE
RGB	85, 207, 174
RGB Percent	33%, 81%, 68%
CMY	0.6667, 0.1882, 0.3176
CMYK	0.59, 0.00, 0.16, 0.19
HSL	164°, 56%, 57%
HSV	164°, 59%, 81%
XYZ	33.6991, 49.6129, 47.8445
YIQ	166.7600, -62.1190, -36.1270

Conversions

Conversions Part 2

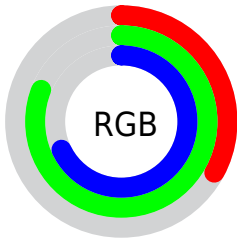
Format	Color
RYB	85, 156, 207
Decimal	5623726
CIELab	75.83, -41.94, 6.28
CIELCh	76, 42.405, 171.485
Yxy	49.6129, 0.2569, 0.3783
Android (android.graphics.Color)	4283813806 (0xFF55CFAE)
YUV	166.7600, 3.5693, -71.7035
Hunter-Lab	70.4364, -37.8635, 9.0323

Details

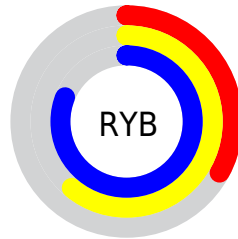
The Android color `4283813806` is a light color, and the websafe version is hex `66CC99`. The color can be described as light muted spring green. A complement of this color would be `4291777910`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4287758309`, and `4278229114` is the 20% darker color. If you saturate the color by 10%, you get `4282437544`, and if you desaturate by 10%, it is `4285190068`.

Distribution



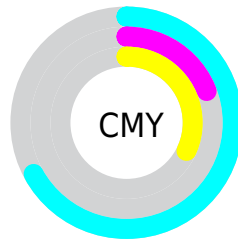
- Red (33%)
- Green (81%)
- Blue (68%)



- Red (33%)
- Yellow (61%)
- Blue (81%)



- Cyan (59%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (67%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283813806 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 4283813806 by changing the saturation by 10% instead.



4283813806



4283813806

4294967295



4281643923



4287758309



4278229114



4289658879



4278222177



4291624959



4278215753



4293591039



4278209331



4278203166



4278197509



4278190080




4283813806



4283813806

 4282437544

 4285190068

 4281126819

 4286500793

 4279750557


 4287877055

 4278374296

 4289253316

 4278243223

 4290564042

 4291940304

 4293316565

 4294692827

 4294954976

Harmonies

Analogous

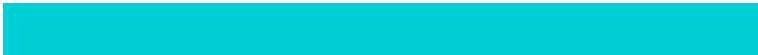
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287351433



4283813806



4278243286

Triad

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



4283813806



4289705471



4294616959

Complementary

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



4283813806



4291777910

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.



4294942112



4283813806



4292978668

Square

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



4283813806



4285317887



4294942152



4292785517

Rectangle

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



4283813806



4278242798



4294942152



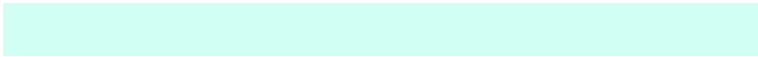
4294943625

Sweetspot

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



4283813806



4291952627



4286107477



4284711032



4278190080



4286611584

Same Dimension

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



4283813806



4283105230



4283807183



4284377446



4278233211



4278200606

Inverse Universe

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



4291777910



4294920827



4291784533



4285095521



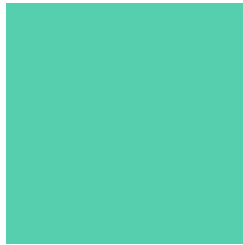
4289200174



4280877067

Previews

White Background



This preview shows how the Android color 4283813806 looks on a white background.

Color Contrast Check

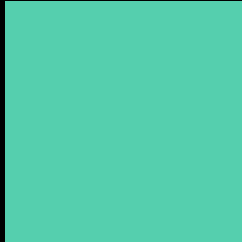
Large Text (above 18pt) WCAG AA × Fail

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 4283813806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

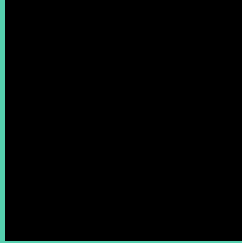
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

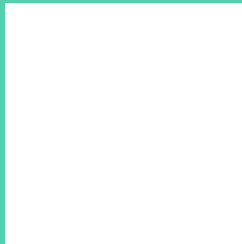
Any Text WCAG AAA ✓ Pass

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

Android 4283813806 Background



This preview shows how black text looks on a background with the Android color 4283813806.



This preview shows how white text looks on a background with the Android color 4283813806.

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

4283813806



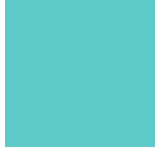
Protanomaly

4288332198



Deuteranomaly

4288789938



Tritanomaly

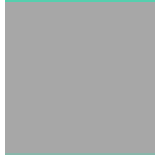
4284468169

Monochromacy



Original Color

4283813806



Achromatopsia

4289177511



Achromatomaly

4287215274

CSS Examples

Text

The CSS property to change the color of the text to Android 4283813806 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(85, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(85, 207, 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(85, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 207, 174) }
```

Border

The CSS property to change the border of an element to Android 4283813806 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(85, 207, 174) }
```

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

```
.border{ border-color:rgb(85, 207, 174) }
```

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

Here you see how a box with a 4 pixel rgb(85, 207, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(85, 207,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4283813806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 207, 174) }
```

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

```
.background{ background-color: rgb(85, 207,  
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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