

Converting Colors

Android(4282436806)

Have a look what the booklet for
Android(4282436806) contains.

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Color

Android(4282436806)

Conversions

Conversions Part 1

Format	Color
Hex	40CCC6
RGB	64, 204, 198
RGB Percent	25%, 80%, 78%
CMY	0.7490, 0.2000, 0.2235
CMYK	0.69, 0.00, 0.03, 0.20
HSL	177°, 58%, 53%
HSV	177°, 69%, 80%
XYZ	33.9003, 48.3529, 60.9724
YIQ	161.4560, -81.5140, -31.5460

Conversions

Conversions Part 2

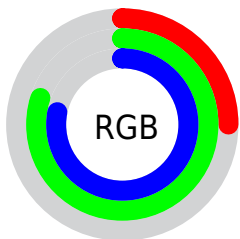
Format	Color
RYB	64, 136, 204
Decimal	4246726
CIELab	75.05, -37.86, -7.87
CIELCh	75, 38.665, 191.747
Yxy	48.3529, 0.2367, 0.3376
Android (android.graphics.Color)	4282436806 (0xFF40CCC6)
YUV	161.4560, 18.0162, -85.4689
Hunter-Lab	69.5363, -34.6663, -3.3126

Details

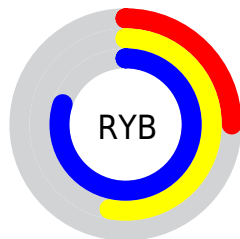
The Android color **4282436806** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **4291575878**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4286775295**, and **4278228368** is the 20% darker color. If you saturate the color by 10%, you get **4281126085**, and if you desaturate by 10%, it is **4283747527**.

Distribution



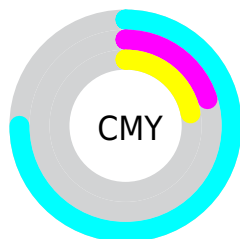
- Red (25%)
- Green (80%)
- Blue (78%)



- Red (25%)
- Yellow (53%)
- Blue (80%)



- Cyan (69%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (75%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282436806 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 4282436806 by changing the saturation by 10% instead.



4282436806



4282436806

4294967295



4278694059



4286775295



4278228368



4288806911



4278221687



4290772991



4278215006



4292804607



4278208838



4294770687



4278202672



4278197019



4278190080



4282436806



4282436806

■ 4281126085

■ 4283747527

■ 4279749828

■ 4285123784

■ 4278439107

■ 4286434505

■ 4278242499

■ 4287810761

■ 4289121482

■ 4290432203

■ 4291808460

■ 4293119181

■ 4294495438

Harmonies

Analogous

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



4285516449



4282436806



4281256423

Triad

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



4282436806



4291799790



4293111670

Complementary

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



4282436806



4291575878

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.



4294550667



4282436806



4294025424

Square

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



4282436806



4288526334



4294876588



4291017586

Rectangle

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



4282436806



4283287031



4294876588



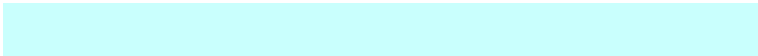
4293700475

Sweetspot

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



4282436806



4291428349



4282895424



4284514430



4278190080



4286611584

Same Dimension

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



4282436806



4281270262



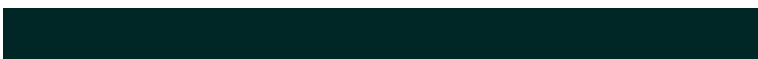
4282420684



4284245606



4278232735



4278199845

Inverse Universe

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



4291575878



4294913591



4291592000



4284898396



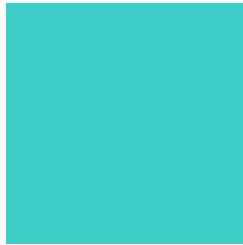
4289069063



4280680450

Previews

White Background



This preview shows how the Android color 4282436806 looks on a white background.

Color Contrast Check

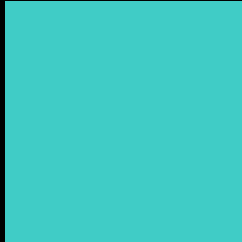
Large Text (above 18pt) WCAG AA × Fail

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 4282436806 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

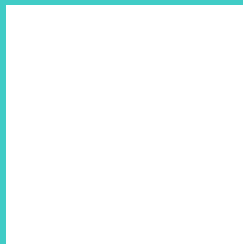
Any Text WCAG AAA ✓ Pass

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

Android 4282436806 Background



This preview shows how black text looks on a background with the Android color 4282436806.



This preview shows how white text looks on a background with the Android color 4282436806.

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

4282436806



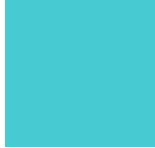
Protanomaly

4287545022



Deuteranomaly

4287740874



Tritanomaly

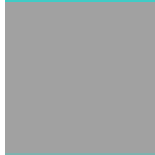
4282895058

Monochromacy



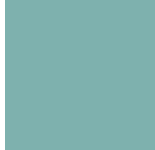
Original Color

4282436806



Achromatopsia

4288782753



Achromatomaly

4286493102

CSS Examples

Text

The CSS property to change the color of the text to Android 4282436806 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(64, 204, 198)` looks like.

```
.text, #text, p{  
    color:rgb(64, 204, 198)  
}
```

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(64, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 204, 198) }
```

Border

The CSS property to change the border of an element to Android 4282436806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

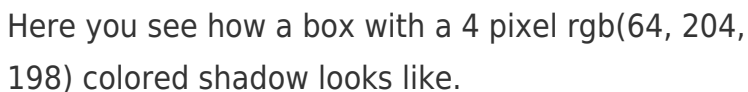
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 204, 198) }
```

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

```
.border{ border-color:rgb(64, 204, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(64, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(64, 204, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(64, 204, 198); box-shadow:4px 4px 4px 4px rgb(64, 204, 198) }
```

Background

The CSS property to change the background color of an element to Android 4282436806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 204, 198) }
```

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

```
.background{ background-color: rgb(64, 204,  
198) }
```

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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