

Converting Colors

Android(4281976486)

Have a look what the booklet for
Android(4281976486) contains.

Android(4281976486)	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(4281976486)

Conversions

Conversions Part 1

Format	Color
Hex	39C6A6
RGB	57, 198, 166
RGB Percent	22%, 78%, 65%
CMY	0.7765, 0.2235, 0.3490
CMYK	0.71, 0.00, 0.16, 0.22
HSL	166°, 55%, 50%
HSV	166°, 71%, 78%
XYZ	28.7644, 44.0112, 43.0554
YIQ	152.1930, -73.7640, -39.8440

Conversions

Conversions Part 2

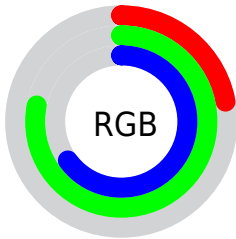
Format	Color
RYB	57, 137, 198
Decimal	3786406
CIELab	72.24, -44.63, 5.33
CIElCh	72, 44.952, 173.186
Yxy	44.0112, 0.2483, 0.3800
Android (android.graphics.Color)	4281976486 (0xFF39C6A6)
YUV	152.1930, 6.8069, -83.4843
Hunter-Lab	66.3409, -38.7019, 7.9594

Details

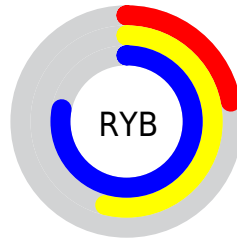
The Android color **4281976486** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291180889**, and the grayscale version is **4288190616**.

A 20% lighter version of the original color is **4286316509**, and **4278226802** is the 20% darker color. If you saturate the color by 10%, you get **4280665762**, and if you desaturate by 10%, it is **4283287210**.

Distribution



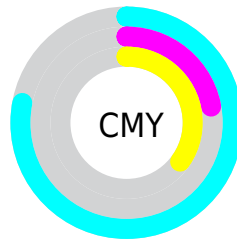
- Red (22%)
- Green (78%)
- Blue (65%)



- Red (22%)
- Yellow (54%)
- Blue (78%)



- Cyan (71%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281976486 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 4281976486 by changing the saturation by 10% instead.



4281976486



4281976486

4294967295



4278233740



4286316509



4278226802



4288282618



4278220122



4290248703



4278213442



4292214783



4278207276



4294246399



4278201368



4278193920



4278190080



4281976486



4281976486

■ 4280665762

■ 4283287210

■ 4279355037

■ 4284597935

■ 4278240921

■ 4285843123

■ 4287153848

■ 4288464572

■ 4289775297

■ 4291086021

■ 4292331210

■ 4293641934

Harmonies

Analogous

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



4286235006



4281976486



4278240976

Triad

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



4281976486



4289178365



4294024561

Complementary

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



4281976486



4291180889

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.



4294939283



4281976486



4292582371

Square

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



4281976486



4284266751



4294545852



4292062303

Rectangle

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



4281976486



4278240488



4294545852



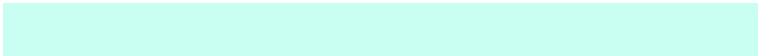
4294482299

Sweetspot

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



4281976486



4291428339



4284139065



4284514424



4278190080



4286611584

Same Dimension

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



4281976486



4280745934



4281966790



4284113761



4278231934



4278199324

Inverse Universe

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



4291180889



4294911575



4291190585



4284701276



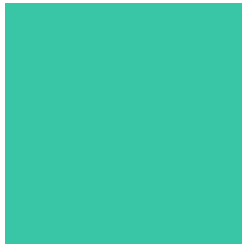
4288872485



4280549384

Previews

White Background



This preview shows how the Android color 4281976486 looks on a white background.

Color Contrast Check

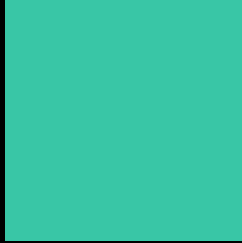
Large Text (above 18pt) WCAG AA × Fail

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 4281976486 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

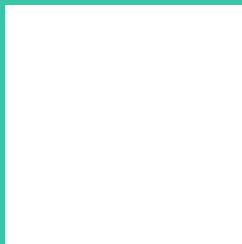
Any Text WCAG AAA ✓ Pass

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

Android 4281976486 Background



This preview shows how black text looks on a background with the Android color 4281976486.

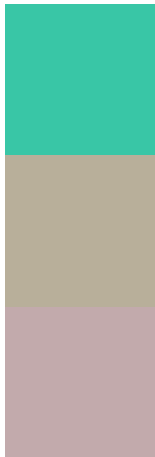


This preview shows how white text looks on a background with the Android color 4281976486.

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
4281976486

Protanopia
4290293658

Deuteranopia
4290947756

Trichromacy



Original Color

4281976486



Protanomaly

4287281054



Deuteranomaly

4287673514



Tritanomaly

4282827457

Monochromacy



Original Color

4281976486



Achromatopsia

4288190616



Achromatomaly

4285901213

CSS Examples

Text

The CSS property to change the color of the text to Android 4281976486 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(57, 198, 166)` looks like.

```
.text, #text, p{  
    color:rgb(57, 198, 166)  
}
```

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(57, 198, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 198, 166) }
```

Border

The CSS property to change the border of an element to Android 4281976486 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(57, 198, 166) }
```

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

```
.border{ border-color:rgb(57, 198, 166) }
```

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

Here you see how a box with a 4 pixel rgb(57, 198, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 198, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 198, 166);  
box-shadow:4px 4px 4px 4px rgb(57, 198,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4281976486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 198, 166) }
```

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

```
.background{ background-color: rgb(57, 198,  
166) }
```

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