

Converting Colors

Android(4281173381)

Have a look what the booklet for
Android(4281173381) contains.

Android(4281173381)	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(4281173381)

Conversions

Conversions Part 1

Format	Color
Hex	2D8585
RGB	45, 133, 133
RGB Percent	18%, 52%, 52%
CMY	0.8235, 0.4784, 0.4784
CMYK	0.66, 0.00, 0.00, 0.48
HSL	180°, 49%, 35%
HSV	180°, 66%, 52%
XYZ	13.7034, 19.0264, 25.1405
YIQ	106.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

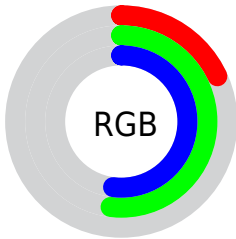
Format	Color
R_{YB}	45, 89, 133
Decimal	2983301
CIE _{Lab}	50.72, -25.40, -7.67
CIE _{LCh}	51, 26.530, 196.796
Yxy	19.0264, 0.2368, 0.3288
Android (android.graphics.Color)	4281173381 (0xFF2D8585)
YUV	106.6880, 12.9718, -54.1004
Hunter-Lab	43.6193, -20.2564, -3.6391

Details

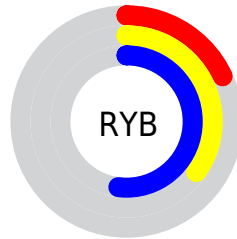
The Android color `4281173381` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4286917933`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4284988346`, and `4278211412` is the 20% darker color. If you saturate the color by 10%, you get `4280321413`, and if you desaturate by 10%, it is `4282025349`.

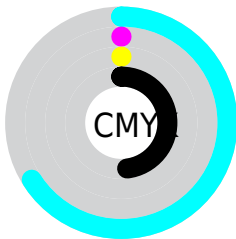
Distribution



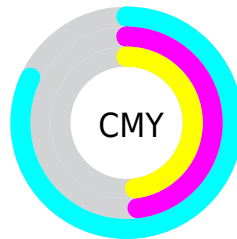
- Red (18%)
- Green (52%)
- Blue (52%)



- Red (18%)
- Yellow (35%)
- Blue (52%)



- Cyan (66%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281173381 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 4281173381 by changing the saturation by 10% instead.



4281173381



4281173381

4294967295



4278217580



4284988346



4278211412



4286830294



4278205245



4288672754



4278199591



4290576383



4278191635



4292476927



4278190080



4294377471



4281173381



4281173381



4280321413



4282025349

■ 4279403909

■ 4282942853

■ 4278551941

■ 4283794821

■ 4278224261

■ 4284646789

■ 4285564293

■ 4286416261

■ 4287268229

■ 4288120197

■ 4289037701

Harmonies

Analogous

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



4282811502



4281173381



4281107353

Triad

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



4281173381



4287327896



4287722573

Complementary

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



4281173381



4286917933

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.



4288703577



4281173381



4288637316

Square

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



4281173381



4285364132



4289095789



4286282573

Rectangle

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



4281173381



4282286242



4289095789



4288115024

Sweetspot

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



4281173381



4287344045



4281173293



4282537815



4292269782



4283914071

Same Dimension

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



4281173381



4280593837



4281162117



4282139202



4278223490



4278190851

Inverse Universe

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



4286918021



4289537197



4286929197



4282530882



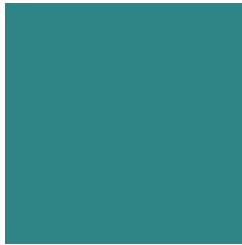
4286709890



4278386691

Previews

White Background



This preview shows how the Android color 4281173381 looks on a white background.

Color Contrast Check

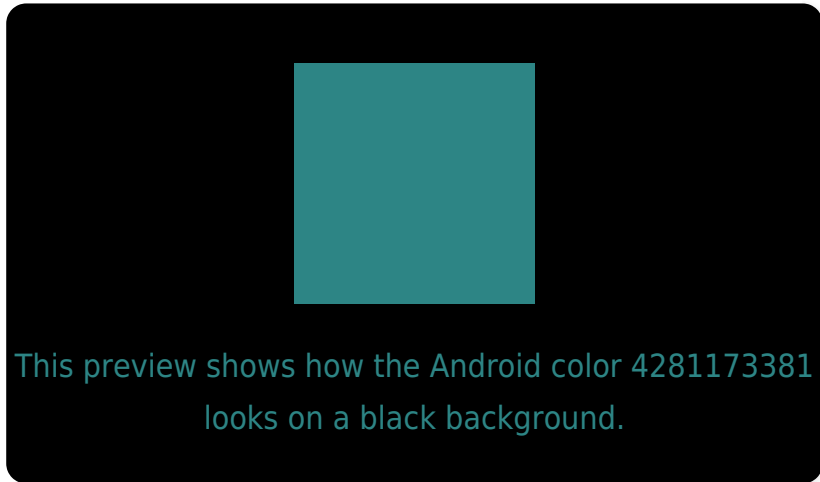
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Android 4281173381 Background



This preview shows how black text looks on a background with the Android color 4281173381.



This preview shows how white text looks on a background with the Android color 4281173381.

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
4281173381

Protanopia
4286150525

Deuteranopia
4286346632

Trichromacy



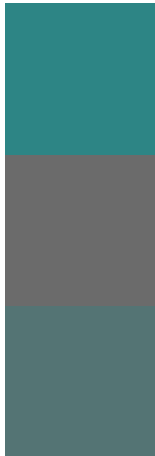
Original Color
4281173381

Protanomaly
4284316800

Deuteranomaly
4284447623

Tritanomaly
4281369739

Monochromacy



Original Color
4281173381

Achromatopsia
4285229931

Achromatomaly
4283724916

CSS Examples

Text

The CSS property to change the color of the text to Android 4281173381 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(45, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(45, 133, 133)  
}
```

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(45, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 133, 133) }
```

Border

The CSS property to change the border of an element to Android 4281173381 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(45, 133, 133) }
```

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

```
.border{ border-color:rgb(45, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(45, 133,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4281173381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 133, 133) }
```

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

```
.background{ background-color: rgb(45, 133,  
133) }
```

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