

Converting Colors

Android(4281173877)

Have a look what the booklet for
Android(4281173877) contains.

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Color

Android(4281173877)

Conversions

Conversions Part 1

Format	Color
Hex	2D8775
RGB	45, 135, 117
RGB Percent	18%, 53%, 46%
CMY	0.8235, 0.4706, 0.5412
CMYK	0.67, 0.00, 0.13, 0.47
HSL	168°, 50%, 35%
HSV	168°, 67%, 53%
XYZ	12.9570, 19.1702, 19.8469
YIQ	106.0380, -47.8620, -24.6780

Conversions

Conversions Part 2

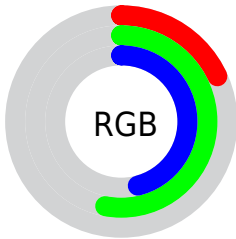
Format	Color
RYB	45, 95, 135
Decimal	2983797
CIELab	50.89, -30.97, 1.92
CIELCh	51, 31.029, 176.449
Yxy	19.1702, 0.2493, 0.3688
Android (android.graphics.Color)	4281173877 (0xFF2D8775)
YUV	106.0380, 5.4043, -53.5303
Hunter-Lab	43.7838, -23.7976, 3.7728

Details

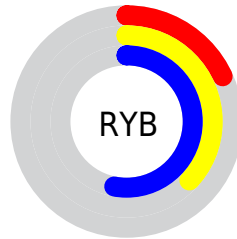
The Android color `4281173877` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287049023`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4284923305`, and `4278211653` is the 20% darker color. If you saturate the color by 10%, you get `4280321906`, and if you desaturate by 10%, it is `4282091384`.

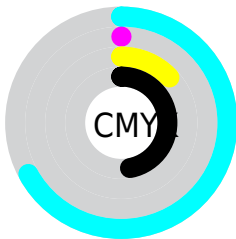
Distribution



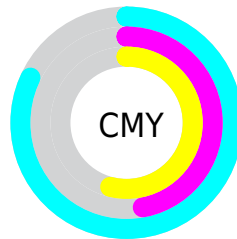
- Red (18%)
- Green (53%)
- Blue (46%)



- Red (18%)
- Yellow (37%)
- Blue (53%)



- Cyan (67%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281173877 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 4281173877 by changing the saturation by 10% instead.



4281173877



4281173877

4294967295



4278349148



4284923305



4278211653



4286765508



4278205743



4288607712



4278200090



4290445309



4278191616



4292345855



4278190080



4294311935



4281173877



4281173877



4280321906



4282091384

■ 4279404400

■ 4282943354

■ 4278552429

■ 4283860861

■ 4278224748

■ 4284712832

■ 4285630339

■ 4286482309

■ 4287399816

■ 4288251787

■ 4289169293

Harmonies

Analogous

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



4283663451



4281173877



4278224784

Triad

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



4281173877



4286018472



4288834894

Complementary

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



4281173877



4287049023

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.



4289488483



4281173877



4288113303

Square

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



4281173877



4283202990



4289291645



4287461188

Rectangle

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



4281173877



4278224287



4289291645



4289096276

Sweetspot

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



4281173877



4287475881



4282353453



4282669397



4292467161



4284045657

Same Dimension

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



4281173877



4280529044



4281166983



4282139201



4278223464



4278190850

Inverse Universe

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



4287049023



4289733439



4287055917



4282530877



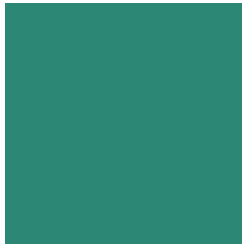
4286709786



4278386689

Previews

White Background



This preview shows how the Android color 4281173877 looks on a white background.

Color Contrast Check

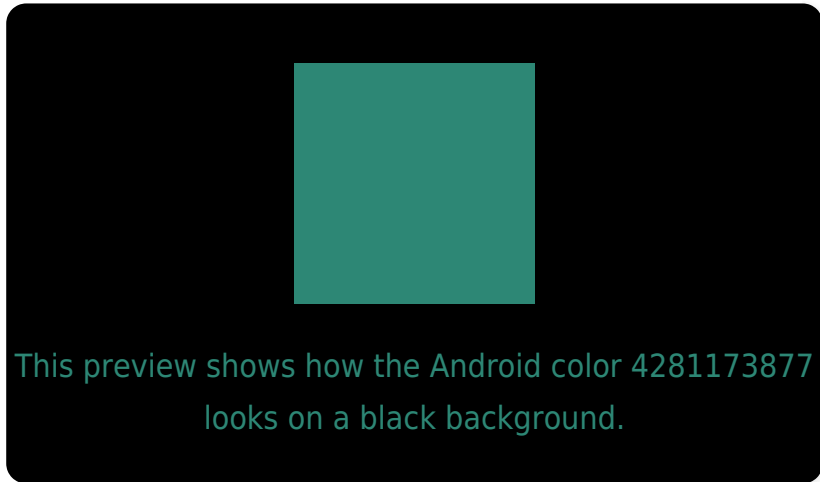
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281173877 Background



This preview shows how black text looks on a background with the Android color 4281173877.

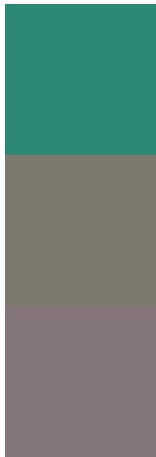


This preview shows how white text looks on a background with the Android color 4281173877.

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
4281173877

Protanopia
4286412909

Deuteranopia
4286870905

Trichromacy



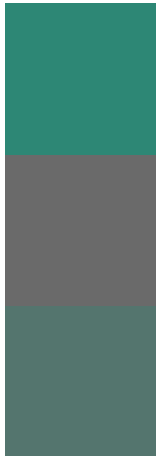
Original Color
4281173877

Protanomaly
4284513648

Deuteranomaly
4284775544

Tritanomaly
4281631877

Monochromacy



Original Color
4281173877

Achromatopsia
4285164138

Achromatomaly
4283725166

CSS Examples

Text

The CSS property to change the color of the text to Android 4281173877 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, 135, 117)` looks like.

```
.text, #text, p{  
    color:rgb(45, 135, 117)  
}
```

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, 135, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 135, 117) }
```

Border

The CSS property to change the border of an element to Android 4281173877 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, 135, 117) }
```

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

```
.border{ border-color:rgb(45, 135, 117) }
```

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

Here you see how a box with a 4 pixel rgb(45, 135, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 135, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 135, 117);  
box-shadow:4px 4px 4px 4px rgb(45, 135,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4281173877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 135, 117) }
```

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

```
.background{ background-color: rgb(45, 135,  
117) }
```

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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