

Converting Colors

Android(4281174653)

Have a look what the booklet for
Android(4281174653) contains.

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Color

Android(4281174653)

Conversions

Conversions Part 1

Format	Color
Hex	2D8A7D
RGB	45, 138, 125
RGB Percent	18%, 54%, 49%
CMY	0.8235, 0.4588, 0.5098
CMYK	0.67, 0.00, 0.09, 0.46
HSL	172°, 51%, 36%
HSV	172°, 67%, 54%
XYZ	13.8723, 20.2155, 22.5729
YIQ	108.7110, -51.2550, -23.7590

Conversions

Conversions Part 2

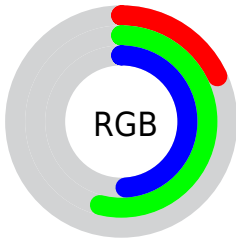
Format	Color
RYB	45, 95, 138
Decimal	2984573
CIELab	52.08, -30.20, -0.99
CIELCh	52, 30.211, 181.878
Yxy	20.2155, 0.2448, 0.3568
Android (android.graphics.Color)	4281174653 (0xFF2D8A7D)
YUV	108.7110, 8.0305, -55.8745
Hunter-Lab	44.9617, -23.6091, 1.7068

Details

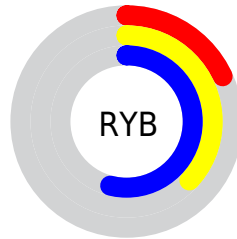
The Android color `4281174653` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287245626`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4284989618`, and `4278212428` is the 20% darker color. If you saturate the color by 10%, you get `4280257147`, and if you desaturate by 10%, it is `4282092159`.

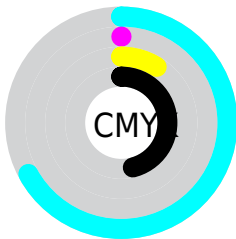
Distribution



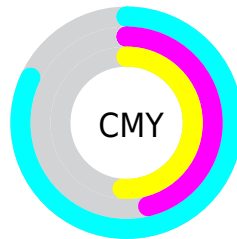
- Red (18%)
- Green (54%)
- Blue (49%)



- Red (18%)
- Yellow (37%)
- Blue (54%)



- Cyan (67%)
- Magenta (0%)
- Yellow (9%)
- Black (46%)



- Cyan (82%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281174653 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 4281174653 by changing the saturation by 10% instead.



4281174653



4281174653

4294967295



4278218852



4284989618



4278212428



4286831821



4278206262



4288674281



4278200608



4290576383



4278193674



4292476927



4278190080



4294377471



4281174653



4281174653



4280257147



4282092159

■ 4279339641

■ 4283009665

■ 4278487671

■ 4283861635

■ 4278225527

■ 4284779141

■ 4285696647

■ 4286614153

■ 4287531659

■ 4288383628

■ 4289301134

Harmonies

Analogous

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



4283533411



4281174653



4278552983

Triad

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



4281174653



4286674344



4288770639

Complementary

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



4281174653



4287245626

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.



4289555298



4281174653



4288572565

Square

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



4281174653



4284055216



4289554556



4287396680

Rectangle

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



4281174653



4279863204



4289554556



4289097556

Sweetspot

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



4281174653



4287607726



4282092077



4282669398



4292467161



4284045657

Same Dimension

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



4281174653



4280464286



4281166218



4282271044



4278224242



4278191364

Inverse Universe

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



4287245626



4289929782



4287254061



4282727999



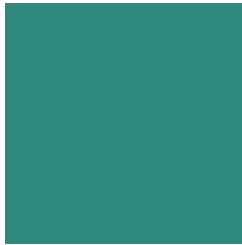
4286906387



4278517761

Previews

White Background



This preview shows how the Android color 4281174653 looks on a white background.

Color Contrast Check

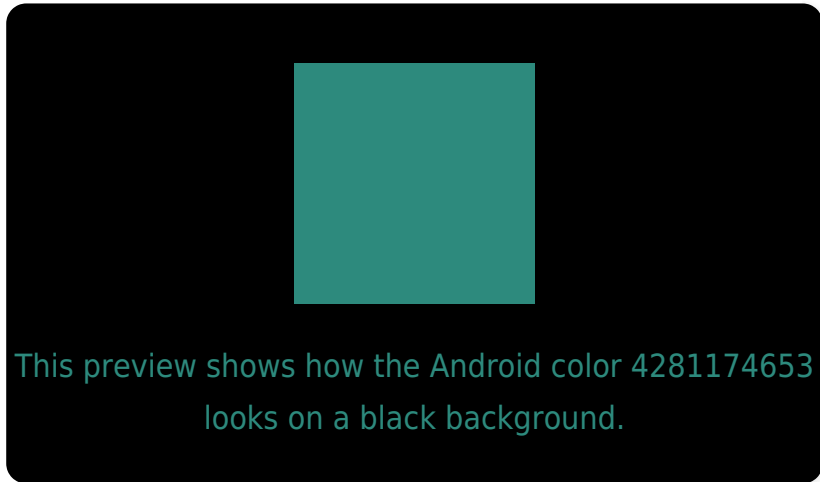
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281174653 Background



This preview shows how black text looks on a background with the Android color 4281174653.

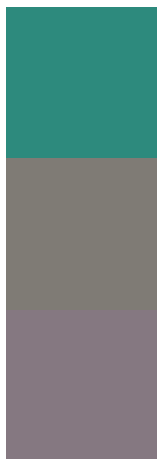


This preview shows how white text looks on a background with the Android color 4281174653.

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

4281174653

Protanopia

4286544757

Deuteranopia

4286937217

Trichromacy



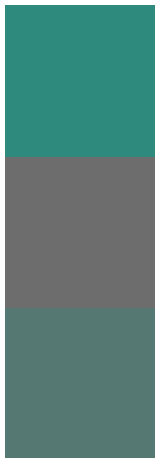
Original Color
4281174653

Protanomaly
4284579960

Deuteranomaly
4284841856

Tritanomaly
4281567370

Monochromacy



Original Color
4281174653

Achromatopsia
4285361517

Achromatomaly
4283857011

CSS Examples

Text

The CSS property to change the color of the text to Android 4281174653 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, 138, 125)` looks like.

```
.text, #text, p{  
    color:rgb(45, 138, 125)  
}
```

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, 138, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 138, 125) }
```

Border

The CSS property to change the border of an element to Android 4281174653 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, 138, 125) }
```

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

```
.border{ border-color:rgb(45, 138, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 138, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 138, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 138, 125);  
box-shadow:4px 4px 4px 4px rgb(45, 138,  
125) }
```

Background

The CSS property to change the background color of an element to Android 4281174653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 138, 125) }
```

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

```
.background{ background-color: rgb(45, 138,  
125) }
```

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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