

Converting Colors

Android(4281576347)

Have a look what the booklet for
Android(4281576347) contains.

| | |
|--|----|
| Android(4281576347) | 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(4281576347)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 33AB9B |
| RGB | 51, 171, 155 |
| RGB Percent | 20%, 67%, 61% |
| CMY | 0.8000, 0.3294, 0.3922 |
| CMYK | 0.70, 0.00, 0.09, 0.33 |
| HSL | 172°, 54%, 44% |
| HSV | 172°, 70%, 67% |
| XYZ | 21.8445, 32.1962, 36.0735 |
| YIQ | 133.2960, -66.3840, -30.4160 |

Conversions

Conversions Part 2

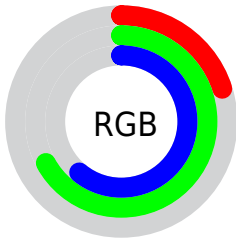
| Format | Color |
|-------------------------------------|--|
| RYB | 51, 115, 171 |
| Decimal | 3386267 |
| CIELab | 63.50, -36.42, -1.31 |
| CIElCh | 64, 36.446, 182.065 |
| Yxy | 32.1962, 0.2424, 0.3573 |
| Android (android.graphics.Color) | 4281576347 (0xFF33AB9B) |
| YUV | 133.2960, 10.7001, -72.1736 |
| Hunter-Lab | 56.7417, -30.5786, 2.0256 |

Details

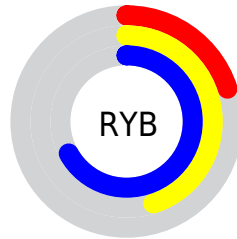
The Android color `4281576347` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289409859`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285719505`, and `4278220392` is the 20% darker color. If you saturate the color by 10%, you get `4280462233`, and if you desaturate by 10%, it is `4282690461`.

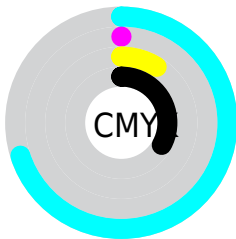
Distribution



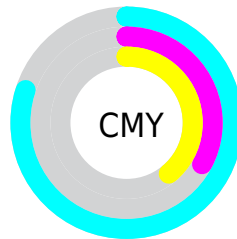
- Red (20%)
- Green (67%)
- Blue (61%)



- Red (20%)
- Yellow (45%)
- Blue (67%)



- Cyan (70%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (80%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281576347 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 4281576347 by changing the saturation by 10% instead.



4281576347



4281576347

4294967295



4278227073



4285719505



4278220392



4287692782



4278213968



4289593343



4278207545



4291493887



4278201636



4293459967



4278195471



4278190080



4281576347



4281576347



4280462233



4282690461

■ 4279348118

■ 4283804576

■ 4278234004

■ 4284918690

■ 4286032804

■ 4287146918

■ 4288326569

■ 4289440683

■ 4290554797

■ 4291668912

Harmonies

Analogous

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



4284721274



4281576347



4278233787

Triad

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



4281576347



4288713169



4291267937

Complementary

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



4281576347



4289409859

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.



4292314233



4281576347



4291069369

Square

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



4281576347



4285373658



4292313241



4289567064

Rectangle

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



4281576347



4279281612



4292313241



4291725928

Sweetspot

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



4281576347



4289715928



4282624819



4283723884



4293980400



4285558896

Same Dimension

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



4281576347



4280540869



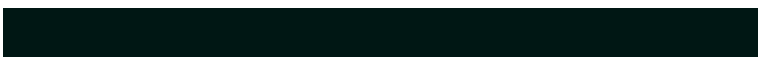
4281565099



4283324246



4278228610



4278195988

Inverse Universe

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



4289409859



4292748092



4289421107



4283911759



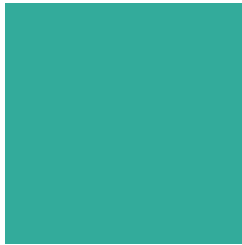
4288020500



4279697411

Previews

White Background



This preview shows how the Android color 4281576347 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 4281576347 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 4281576347 Background



This preview shows how black text looks on a background with the Android color 4281576347.

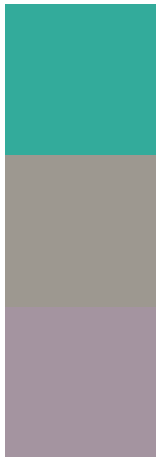


This preview shows how white text looks on a background with the Android color 4281576347.

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
4281576347

Protanopia
4288518288

Deuteranopia
4288976032

Trichromacy



Original Color

4281576347



Protanomaly

4285964180



Deuteranomaly

4286291102



Tritanomaly

4282165420

Monochromacy



Original Color

4281576347



Achromatopsia

4286940549



Achromatomaly

4284978061

CSS Examples

Text

The CSS property to change the color of the text to Android 4281576347 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(51, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(51, 171, 155)  
}
```

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(51, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 171, 155) }
```

Border

The CSS property to change the border of an element to Android 4281576347 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(51, 171, 155) }
```

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

```
.border{ border-color:rgb(51, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(51, 171,  
155) }
```

Background

The CSS property to change the background color of an element to Android 4281576347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 171, 155) }
```

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

```
.background{ background-color: rgb(51, 171,  
155) }
```

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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