

Converting Colors

Android(4281576068)

Have a look what the booklet for
Android(4281576068) contains.

Android(4281576068)	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(4281576068)

Conversions

Conversions Part 1

Format	Color
Hex	33AA84
RGB	51, 170, 132
RGB Percent	20%, 67%, 52%
CMY	0.8000, 0.3333, 0.4824
CMYK	0.70, 0.00, 0.22, 0.33
HSL	161°, 54%, 43%
HSV	161°, 70%, 67%
XYZ	19.9048, 31.1192, 26.7873
YIQ	130.0870, -58.7260, -37.0460

Conversions

Conversions Part 2

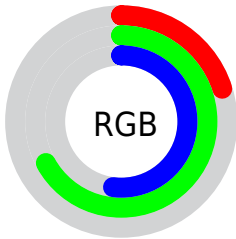
Format	Color
RYB	51, 122, 170
Decimal	3385988
CIELab	62.61, -41.91, 10.21
CIELCh	63, 43.132, 166.305
Yxy	31.1192, 0.2558, 0.3999
Android (android.graphics.Color)	4281576068 (0xFF33AA84)
YUV	130.0870, 0.9431, -69.3593
Hunter-Lab	55.7846, -33.9314, 10.5786

Details

The Android color `4281576068` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289344345`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285653689`, and `4278220115` is the 20% darker color. If you saturate the color by 10%, you get `4280461951`, and if you desaturate by 10%, it is `4282690185`.

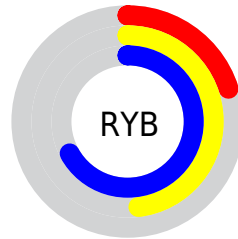
Distribution



Red (20%)

Green (67%)

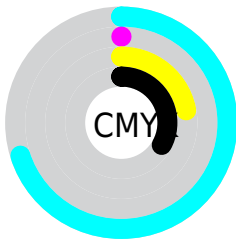
Blue (52%)



Red (20%)

Yellow (48%)

Blue (67%)

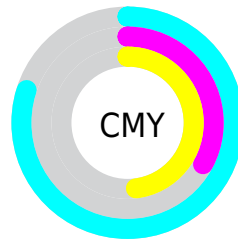


Cyan (70%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (80%)


Magenta (33%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281576068 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 4281576068 by changing the saturation by 10% instead.

 4281576068

 4281576068

4294967295

 4278226795

 4285653689

 4278220115

 4287561685

 4278213435

 4289462257

 4278207270


 4291362815

 4278201361

 4293328895

 4278194432

 4278190080

 4281576068

 4281576068

 4280461951

 4282690185

■ 4279347833

■ 4283804303

■ 4278233716

■ 4284918420

■ 4286032538

■ 4287146655

■ 4288260773

■ 4289374890

■ 4290489007

■ 4291603125

Harmonies

Analogous

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



4285506913



4281576068



4278234028

Triad

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



4281576068



4286551265



4292313442

Complementary

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



4281576068



4289344345

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.



4292900996



4281576068



4290086349

Square

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



4281576068



4280525025



4292246187



4290678604

Rectangle

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



4281576068



4278233796



4292246187



4292640364

Sweetspot

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



4281576068



4289715919



4284197427



4283723879



4293980400



4285558896

Same Dimension

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



4281576068



4280540834



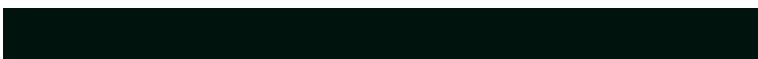
4281570986



4283192401



4278228069



4278195214

Inverse Universe

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



4289344345



4292748127



4289349427



4283714638



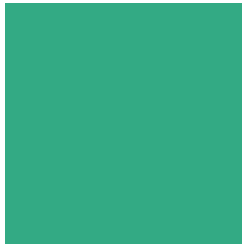
4287889455



4279500807

Previews

White Background



This preview shows how the Android color 4281576068 looks on a white background.

Color Contrast Check

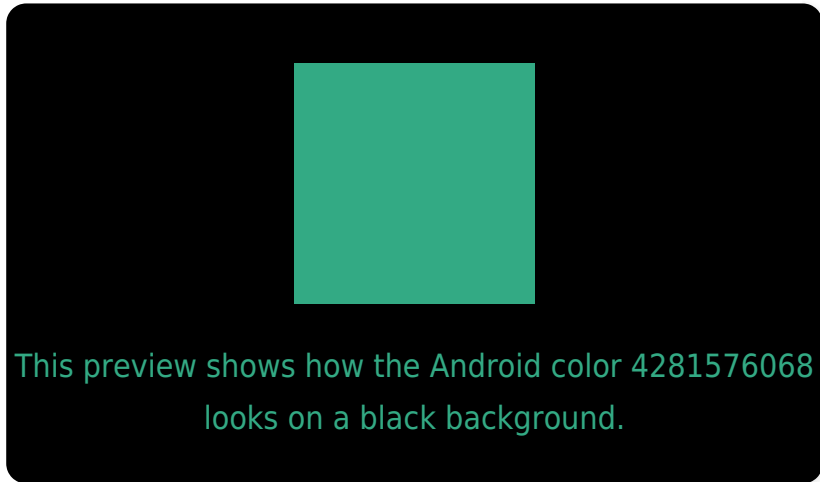
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4281576068 Background



This preview shows how black text looks on a background with the Android color 4281576068.

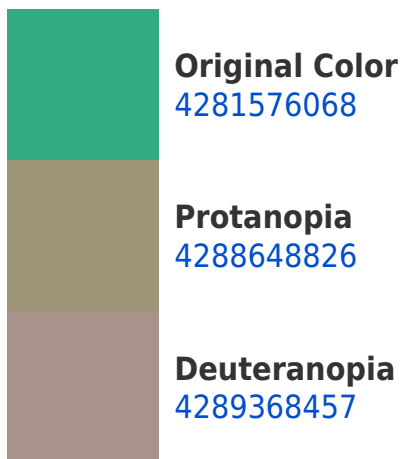


This preview shows how white text looks on a background with the Android color 4281576068.

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



Trichromacy



Original Color

4281576068



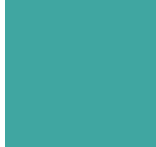
Protanomaly

4286094718



Deuteranomaly

4286552711



Tritanomaly

4282427041

Monochromacy



Original Color

4281576068



Achromatopsia

4286743170



Achromatomaly

4284846467

CSS Examples

Text

The CSS property to change the color of the text to Android 4281576068 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, 170, 132)` looks like.

```
.text, #text, p{  
    color:rgb(51, 170, 132)  
}
```

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, 170, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 170, 132) }
```

Border

The CSS property to change the border of an element to Android 4281576068 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, 170, 132) }
```

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

```
.border{ border-color:rgb(51, 170, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 170, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 170, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 170, 132);  
box-shadow:4px 4px 4px 4px rgb(51, 170,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4281576068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 170, 132) }
```

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

```
.background{ background-color: rgb(51, 170,  
132) }
```

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