

Converting Colors

Android(4281574058)

Have a look what the booklet for
Android(4281574058) contains.

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Color

Android(4281574058)

Conversions

Conversions Part 1

Format	Color
Hex	33A2AA
RGB	51, 162, 170
RGB Percent	20%, 64%, 67%
CMY	0.8000, 0.3647, 0.3333
CMYK	0.70, 0.05, 0.00, 0.33
HSL	184°, 54%, 43%
HSV	184°, 70%, 67%
XYZ	21.5413, 29.4467, 42.5787
YIQ	129.7230, -68.7240, -21.0440

Conversions

Conversions Part 2

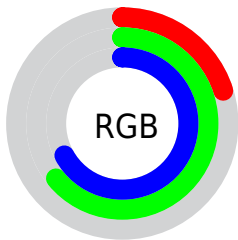
Format	Color
RYB	51, 108, 170
Decimal	3383978
CIELab	61.17, -27.80, -13.20
CIElCh	61, 30.772, 205.392
Yxy	29.4467, 0.2302, 0.3147
Android (android.graphics.Color)	4281574058 (0xFF33A2AA)
YUV	129.7230, 19.8566, -69.0401
Hunter-Lab	54.2649, -24.1052, -8.5362

Details

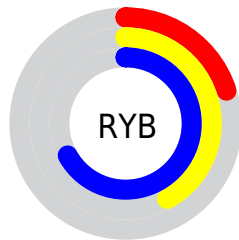
The Android color `4281574058` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289346355`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285716961`, and `4278218358` is the 20% darker color. If you saturate the color by 10%, you get `4280459690`, and if you desaturate by 10%, it is `4282688426`.

Distribution



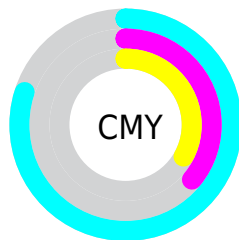
- Red (20%)
- Green (64%)
- Blue (67%)



- Red (20%)
- Yellow (42%)
- Blue (67%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)





- Cyan (80%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281574058 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 4281574058 by changing the saturation by 10% instead.

 4281574058

 4281574058

4294967295

 4278225040

 4285716961


 4278218358

 4287690494

 4278211933

 4289593343

 4278205766


 4291559423

 4278200111

 4293459967

 4278192411

 4278190080

 4281574058

 4281574058

 4280459690

 4282688426

■ 4279345322

■ 4283802794

■ 4278230954

■ 4284917162

■ 4286031786

■ 4287146154

■ 4288260522

■ 4289374890

■ 4290489258

■ 4291603626

Harmonies

Analogous

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



4283277966



4281574058



4282359488

Triad

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



4281574058



4289889715



4289368413

Complementary

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



4281574058



4289346355

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.



4290742120



4281574058



4291133337

Square

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



4281574058



4287729349



4291395710



4287535458

Rectangle

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



4281574058



4284062408



4291395710



4289891679

Sweetspot

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



4281574058



4289715166



4281575995



4283723376



4293980400



4285558896

Same Dimension

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



4281574058



4280537566



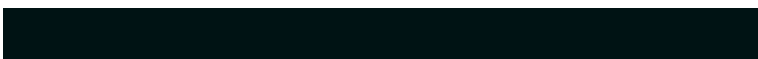
4281558954



4283192404



4278225556



4278194964

Inverse Universe

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



4289344418



4292748241



4289361459



4283714644



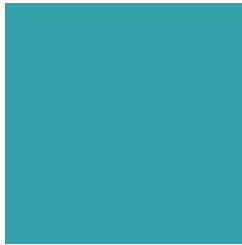
4287889546



4279500819

Previews

White Background



This preview shows how the Android color 4281574058 looks on a white background.

Color Contrast Check

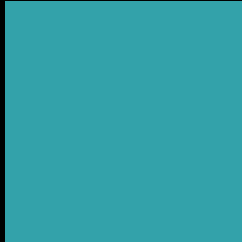
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4281574058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

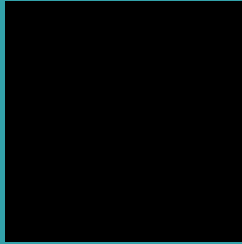
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4281574058 Background



This preview shows how black text looks on a background with the Android color 4281574058.

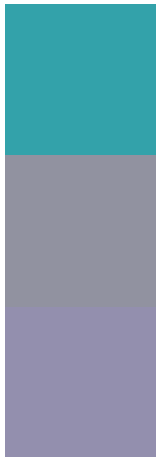


This preview shows how white text looks on a background with the Android color 4281574058.

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
4281574058

Protanopia
4287730336

Deuteranopia
4287860654

Trichromacy



Original Color
4281574058



Protanomaly
4285503652



Deuteranomaly
4285568685



Tritanomaly
4281704877

Monochromacy



Original Color
4281574058



Achromatopsia
4286743170



Achromatomaly
4284845713

CSS Examples

Text

The CSS property to change the color of the text to Android 4281574058 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, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(51, 162, 170)  
}
```

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, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 162, 170) }
```

Border

The CSS property to change the border of an element to Android 4281574058 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, 162, 170) }
```

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

```
.border{ border-color:rgb(51, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(51, 162,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4281574058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 162, 170) }
```

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

```
.background{ background-color: rgb(51, 162,  
170) }
```

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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