

Converting Colors

Android(4281038955)

Have a look what the booklet for
Android(4281038955) contains.

Android(4281038955)	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(4281038955)

Conversions

Conversions Part 1

Format	Color
Hex	2B786B
RGB	43, 120, 107
RGB Percent	17%, 47%, 42%
CMY	0.8314, 0.5294, 0.5804
CMYK	0.64, 0.00, 0.11, 0.53
HSL	170°, 47%, 32%
HSV	170°, 64%, 47%
XYZ	10.3666, 15.0081, 16.2604
YIQ	95.4950, -41.7190, -20.3670

Conversions

Conversions Part 2

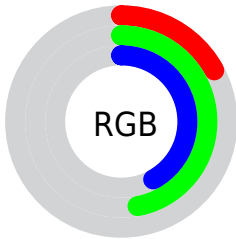
Format	Color
RYB	43, 85, 120
Decimal	2848875
CIELab	45.65, -26.82, 0.18
CIELCh	46, 26.820, 179.625
Yxy	15.0081, 0.2490, 0.3605
Android (android.graphics.Color)	4281038955 (0xFF2B786B)
YUV	95.4950, 5.6720, -46.0381
Hunter-Lab	38.7403, -20.0303, 2.2325

Details

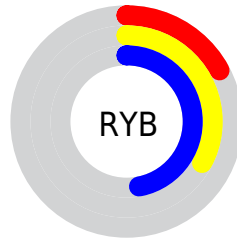
The Android color `4281038955` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286065464`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284657054`, and `4278208316` is the 20% darker color. If you saturate the color by 10%, you get `4280252521`, and if you desaturate by 10%, it is `4281825389`.

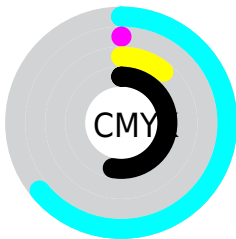
Distribution



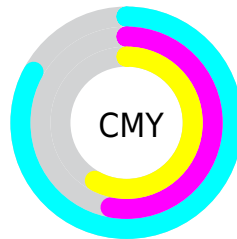
- Red (17%)
- Green (47%)
- Blue (42%)



- Red (17%)
- Yellow (33%)
- Blue (47%)



- Cyan (64%)
- Magenta (0%)
- Yellow (11%)
- Black (53%)



- Cyan (83%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281038955 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 4281038955 by changing the saturation by 10% instead.



4281038955



4281038955

4294967295



4278542163



4284657054



4278208316



4286433465



4278202406



4288210389



4278197521



4290052081



4278190080



4291952639



4293853183



4281038955



4281038955



4280252521



4281825389

■ 4279466087

■ 4282611823

■ 4278679653

■ 4283398257

■ 4278220900

■ 4284184691

■ 4284971125

■ 4285757559

■ 4286543993

■ 4287330427

■ 4288116861

Harmonies

Analogous

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



4283004501



4281038955



4279138433

Triad

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



4281038955



4285425299



4287456070

Complementary

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



4281038955



4286065464

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.



4288109655



4281038955



4287127427

Square

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



4281038955



4283133593



4288043885



4286278463

Rectangle

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



4281038955



4279727758



4288043885



4287782987

Sweetspot

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



4281038955



4286487703



4281956395



4282208076



4291809231



4283387727

Same Dimension

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



4281038955



4280589447



4281032824



4281810236



4278222184



4278254802

Inverse Universe

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



4286065464



4288422968



4286071595



4282201912



4286382101



4294705195

Previews

White Background



This preview shows how the Android color 4281038955 looks on a white background.

Color Contrast Check

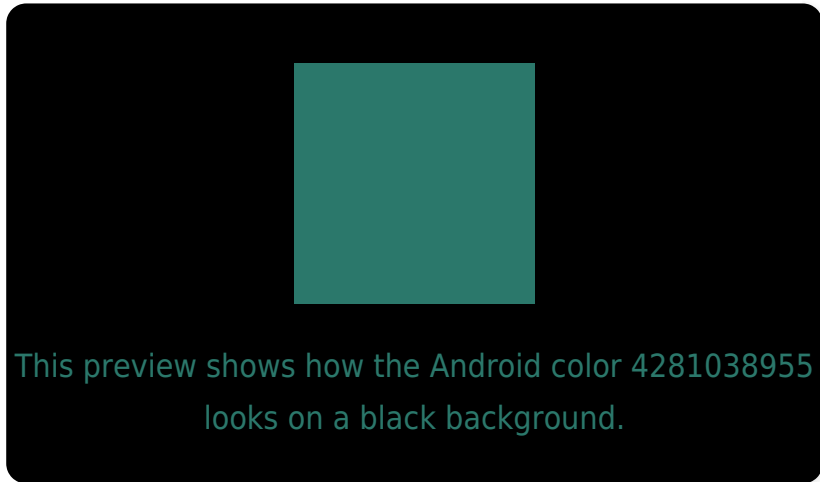
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

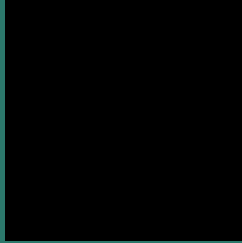
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4281038955 Background



This preview shows how black text looks on a background with the Android color 4281038955.



This preview shows how white text looks on a background with the Android color 4281038955.

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

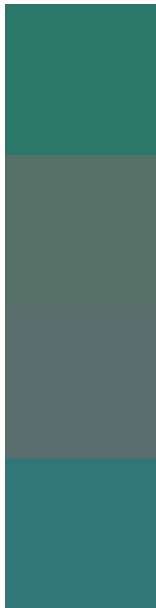


Original Color
4281038955

Protanopia
4285492068

Deuteranopia
4285884526

Trichromacy



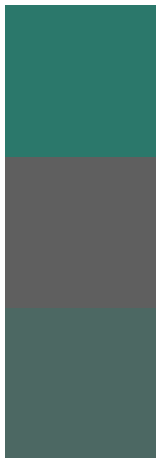
Original Color
4281038955

Protanomaly
4283854951

Deuteranomaly
4284116589

Tritanomaly
4281431672

Monochromacy



Original Color
4281038955

Achromatopsia
4284440415

Achromatomaly
4283197539

CSS Examples

Text

The CSS property to change the color of the text to Android 4281038955 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(43, 120, 107)` looks like.

```
.text, #text, p{  
    color:rgb(43, 120, 107)  
}
```

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(43, 120, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 120, 107) }
```

Border

The CSS property to change the border of an element to Android 4281038955 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(43, 120, 107) }
```

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

```
.border{ border-color:rgb(43, 120, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 120, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 120, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 120, 107);  
box-shadow:4px 4px 4px 4px rgb(43, 120,  
107) }
```

Background

The CSS property to change the background color of an element to Android 4281038955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 120, 107) }
```

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

```
.background{ background-color: rgb(43, 120,  
107) }
```

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