

Converting Colors

Android(4283870075)

Have a look what the booklet for
Android(4283870075) contains.

Android(4283870075)	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(4283870075)

Conversions

Conversions Part 1

Format	Color
Hex	56AB7B
RGB	86, 171, 123
RGB Percent	34%, 67%, 48%
CMY	0.6627, 0.3294, 0.5176
CMYK	0.50, 0.00, 0.28, 0.33
HSL	146°, 34%, 50%
HSV	146°, 50%, 67%
XYZ	21.9758, 32.5343, 23.8604
YIQ	140.1130, -35.2520, -32.9480

Conversions

Conversions Part 2

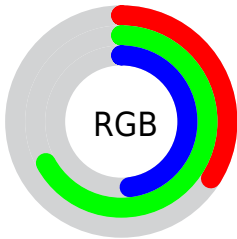
Format	Color
RYB	86, 145, 171
Decimal	5679995
CIELab	63.78, -37.01, 16.98
CIElCh	64, 40.714, 155.356
Yxy	32.5343, 0.2804, 0.4151
Android (android.graphics.Color)	4283870075 (0xFF56AB7B)
YUV	140.1130, -8.4367, -47.4571
Hunter-Lab	57.0389, -31.0459, 15.1251

Details

The Android color `4283870075` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289418886`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4287488944`, and `4279989834` is the 20% darker color. If you saturate the color by 10%, you get `4282755953`, and if you desaturate by 10%, it is `4284984197`.

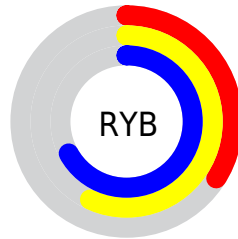
Distribution



Red (34%)

Green (67%)

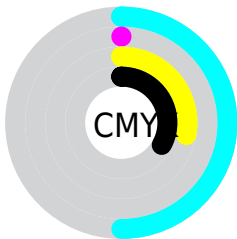
Blue (48%)



Red (34%)

Yellow (57%)

Blue (67%)

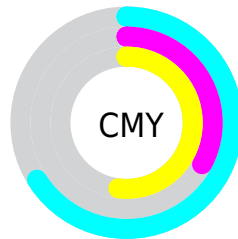


Cyan (50%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (66%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283870075 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 4283870075 by changing the saturation by 10% instead.



4283870075



4283870075

4294967295



4282028130



4287488944



4279989834



4289331147



4278213939



4291166183



4278207517



4293066751



4278201606



4278195712



4278190080



4283870075




4283870075



4282755953



4284984197

 4281641832

 4286098318

 4280527710

 4287212440

 4279413588


 4288326562

 4278299467

 4289440683

 4278233930

 4290620341

 4291734463

 4292848584

 4293962706

Harmonies

Analogous

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



4286948702



4283870075



4278234784

Triad

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



4283870075



4285373666



4292706930

Complementary

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



4283870075



4289418886

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.



4292836757



4283870075



4289171414

Square

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



4283870075



4278232796



4291658425



4291464793

Rectangle

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



4283870075



4278234552



4291658425



4292837245

Sweetspot

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



4283870075



4290633419



4287015766



4284248165



4293980400



4285558896

Same Dimension

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



4283870075



4284079763



4283870117



4283324242



4278228545



4278195978

Inverse Universe

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



4289418886



4292762020



4289418844



4283911763



4288020565



4279697421

Previews

White Background



This preview shows how the Android color 4283870075 looks on a white background.

Color Contrast Check

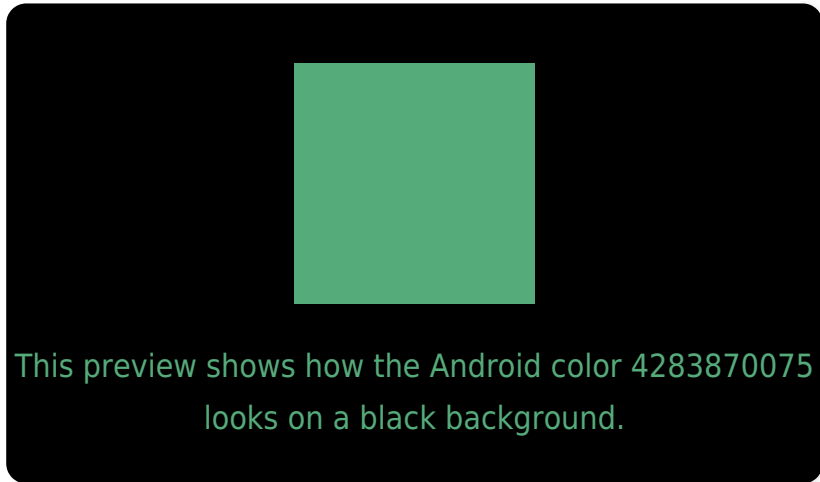
Large Text (above 18pt) WCAG AA × Fail

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 4283870075 Background



This preview shows how black text looks on a background with the Android color 4283870075.



This preview shows how white text looks on a background with the Android color 4283870075.

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
4283870075

Protanopia
4289042803

Deuteranopia
4289827968

Trichromacy



Original Color

4283870075



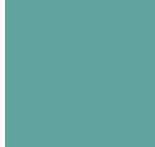
Protanomaly

4287144054



Deuteranomaly

4287667326



Tritanomaly

4284458909

Monochromacy



Original Color

4283870075



Achromatopsia

4287401100



Achromatomaly

4286093190

CSS Examples

Text

The CSS property to change the color of the text to Android 4283870075 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(86, 171, 123)` looks like.

```
.text, #text, p{  
    color:rgb(86, 171, 123)  
}
```

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(86, 171, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 171, 123) }
```

Border

The CSS property to change the border of an element to Android 4283870075 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(86, 171, 123) }
```

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

```
.border{ border-color:rgb(86, 171, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 171, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 171, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 171, 123);  
box-shadow:4px 4px 4px 4px rgb(86, 171,  
123) }
```

Background

The CSS property to change the background color of an element to Android 4283870075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 171, 123) }
```

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

```
.background{ background-color: rgb(86, 171,  
123) }
```

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