

Converting Colors

Android(4283540866)

Have a look what the booklet for
Android(4283540866) contains.

Android(4283540866)	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(4283540866)

Conversions

Conversions Part 1

Format	Color
Hex	51A582
RGB	81, 165, 130
RGB Percent	32%, 65%, 51%
CMY	0.6824, 0.3529, 0.4902
CMYK	0.51, 0.00, 0.21, 0.35
HSL	155°, 34%, 48%
HSV	155°, 51%, 65%
XYZ	20.8777, 30.2713, 25.8617
YIQ	135.8940, -38.8290, -28.6930

Conversions

Conversions Part 2

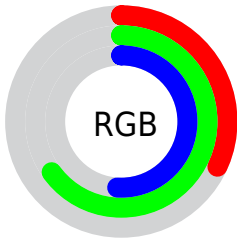
Format	Color
RYB	81, 134, 165
Decimal	5350786
CIELab	61.89, -34.04, 10.43
CIELCh	62, 35.601, 162.965
Yxy	30.2713, 0.2711, 0.3931
Android (android.graphics.Color)	4283540866 (0xFF51A582)
YUV	135.8940, -2.9057, -48.1420
Hunter-Lab	55.0194, -28.5500, 10.6445

Details

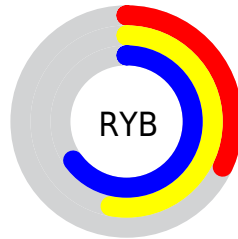
The Android color `4283540866` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289024372`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4287159735`, and `4279529553` is the 20% darker color. If you saturate the color by 10%, you get `4282426747`, and if you desaturate by 10%, it is `4284589449`.

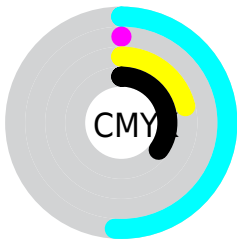
Distribution



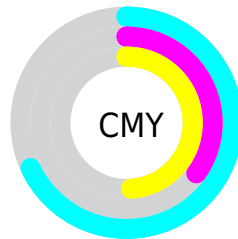
- Red (32%)
- Green (65%)
- Blue (51%)



- Red (32%)
- Yellow (53%)
- Blue (65%)



- Cyan (51%)
- Magenta (0%)
- Yellow (21%)
- Black (35%)



- Cyan (68%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283540866 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 4283540866 by changing the saturation by 10% instead.



4283540866



4283540866

4294967295



4281698921



4287159735



4279529553



4288936403



4278212410



4290838511



4278206244



4292739071



4278200591



4294639615



4278193408



4278190080



4283540866



4283540866



4282426747



4284589449

■ 4281378164

■ 4285703568

■ 4280264045

■ 4286817687

■ 4279215462

■ 4287866269

■ 4278232416

■ 4288914852

■ 4290028971

■ 4291077554

■ 4292191673

■ 4293240256

Harmonies

Analogous

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



4286226534



4283540866



4280067747

Triad

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



4283540866



4286485715



4291658604

Complementary

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



4283540866



4289024372

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.



4292050313



4283540866



4289366212

Square

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



4283540866



4282752721



4291329961



4290415961

Rectangle

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



4283540866



4278232503



4291329961



4291919989

Sweetspot

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



4283540866



4290172617



4285834577



4283984739



4293651435



4285229931

Same Dimension

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



4283540866



4283750048



4283539365



4282995278



4278227285



4278194698

Inverse Universe

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



4289024372



4292236426



4289026129



4283582797



4287692861



4279369735

Previews

White Background



This preview shows how the Android color 4283540866 looks on a white background.

Color Contrast Check

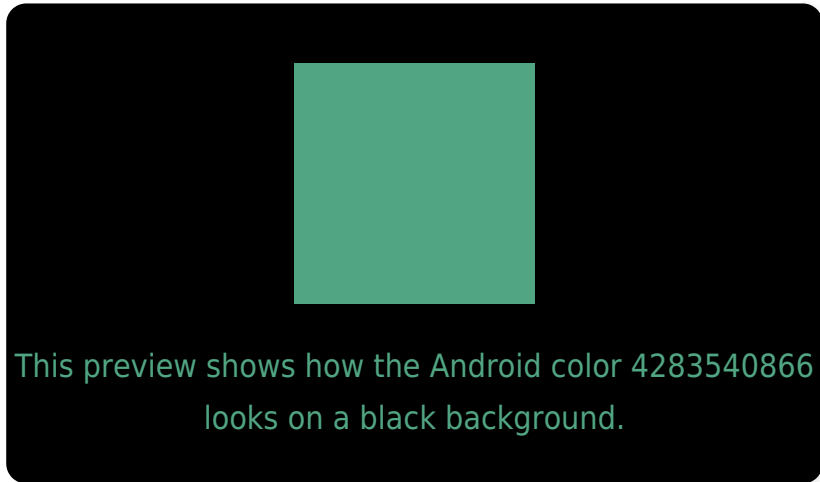
Large Text (above 18pt) WCAG AA × Fail

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 4283540866 Background



This preview shows how black text looks on a background with the Android color 4283540866.

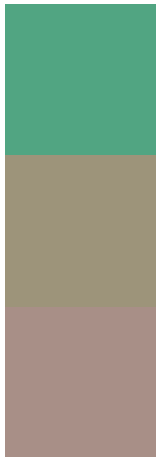


This preview shows how white text looks on a background with the Android color 4283540866.

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
4283540866

Protanopia
4288517242

Deuteranopia
4289236871

Trichromacy



Original Color
4283540866



Protanomaly
4286683773



Deuteranomaly
4287141765



Tritanomaly
4284064157

Monochromacy



Original Color
4283540866



Achromatopsia
4287137928



Achromatomaly
4285830022

CSS Examples

Text

The CSS property to change the color of the text to Android 4283540866 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(81, 165, 130)` looks like.

```
.text, #text, p{  
    color:rgb(81, 165, 130)  
}
```

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(81, 165, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 165, 130) }
```

Border

The CSS property to change the border of an element to Android 4283540866 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(81, 165, 130) }
```

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

```
.border{ border-color:rgb(81, 165, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 165, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 165, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 165, 130);  
box-shadow:4px 4px 4px 4px rgb(81, 165,  
130) }
```

Background

The CSS property to change the background color of an element to Android 4283540866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 165, 130) }
```

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

```
.background{ background-color: rgb(81, 165,  
130) }
```

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