

Converting Colors

Android(4283341684)

Have a look what the booklet for
Android(4283341684) contains.

| | |
|--|----|
| Android(4283341684) | 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(4283341684)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4E9B74 |
| RGB | 78, 155, 116 |
| RGB Percent | 31%, 61%, 45% |
| CMY | 0.6941, 0.3922, 0.5451 |
| CMYK | 0.50, 0.00, 0.25, 0.39 |
| HSL | 150°, 33%, 46% |
| HSV | 150°, 50%, 61% |
| XYZ | 18.0156, 26.3233, 20.6544 |
| YIQ | 127.5310, -33.3730, -28.4530 |

Conversions

Conversions Part 2

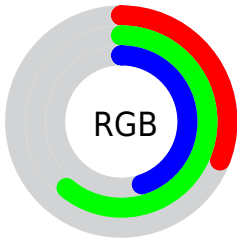
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 78, 130, 155 |
| Decimal | 5151604 |
| CIELab | 58.34, -33.23, 13.26 |
| CIELCh | 58, 35.776, 158.243 |
| Yxy | 26.3233, 0.2772, 0.4050 |
| Android (android.graphics.Color) | 4283341684 (0xFF4E9B74) |
| YUV | 127.5310, -5.6848, -43.4387 |
| Hunter-Lab | 51.3063, -27.1078, 12.0460 |

Details

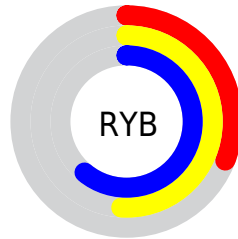
The Android color `4283341684` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288368245`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4286894760`, and `4279527236` is the 20% darker color. If you saturate the color by 10%, you get `4282358636`, and if you desaturate by 10%, it is `4284390268`.

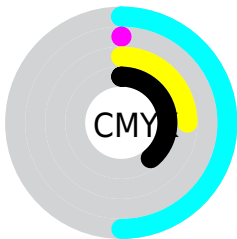
Distribution



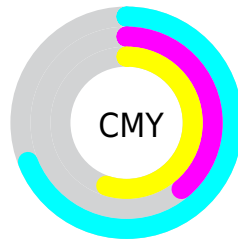
- Red (31%)
- Green (61%)
- Blue (45%)



- Red (31%)
- Yellow (51%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (39%)



- Cyan (69%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283341684 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 4283341684 by changing the saturation by 10% instead.



4283341684



4283341684

4294967295



4281565531



4286894760



4279527236



4288671427



4278210349



4290510815



4278204184



4292411388



4278199040



4294311935



4278190080



4283341684



4283341684



4282358636



4284390268



4281310052



4285373316

 4280327004

 4286356364

 4279278421

 4287404947

 4278295373

 4288387995

 4278229836

 4289436579

 4290485163

 4291468211

 4292516795

Harmonies

Analogous

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



4285961818



4283341684



4279278996

Triad

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



4283341684



4285304010



4291131495

Complementary

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



4283341684



4288368245

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.



4291326853



4283341684



4288381374

Square

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



4283341684



4281046726



4290410404



4289954386

Rectangle

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



4283341684



4278230185



4290410404



4291327600

Sweetspot

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



4283341684



4289448378



4285963086



4283721309



4293322470



4284900966

Same Dimension

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



4283341684



4283550092



4283341722



4282731849



4278225989



4278193414

Inverse Universe

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



4288368245



4291383694



4288368207



4283254089



4287365191



4279042054

Previews

White Background



This preview shows how the Android color 4283341684 looks on a white background.

Color Contrast Check

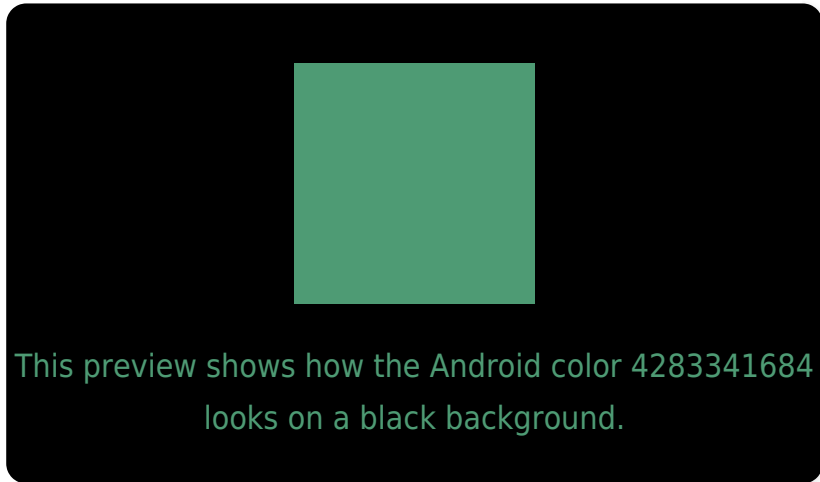
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 4283341684 Background



This preview shows how black text looks on a background with the Android color 4283341684.



This preview shows how white text looks on a background with the Android color 4283341684.

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

4283341684



Protanomaly

4286288240



Deuteranomaly

4286746231



Tritanomaly

4283864977

Monochromacy



Original Color

4283341684



Achromatopsia

4286611584



Achromatomaly

4285434492

CSS Examples

Text

The CSS property to change the color of the text to Android 4283341684 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(78, 155, 116)` looks like.

```
.text, #text, p{  
    color:rgb(78, 155, 116)  
}
```

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(78, 155, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 155, 116) }
```

Border

The CSS property to change the border of an element to Android 4283341684 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(78, 155, 116) }
```

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

```
.border{ border-color:rgb(78, 155, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 155, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 155, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 155, 116);  
box-shadow:4px 4px 4px 4px rgb(78, 155,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4283341684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 155, 116) }
```

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

```
.background{ background-color: rgb(78, 155,  
116) }
```

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