

Converting Colors

Android(4281564535)

Have a look what the booklet for
Android(4281564535) contains.

Android(4281564535)	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(4281564535)

Conversions

Conversions Part 1

Format	Color
Hex	337D77
RGB	51, 125, 119
RGB Percent	20%, 49%, 47%
CMY	0.8000, 0.5098, 0.5333
CMYK	0.59, 0.00, 0.05, 0.51
HSL	175°, 42%, 35%
HSV	175°, 59%, 49%
XYZ	12.0286, 16.7029, 20.0428
YIQ	102.1900, -42.1780, -17.5540

Conversions

Conversions Part 2

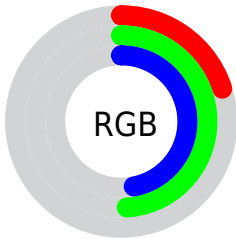
Format	Color
RYB	51, 90, 125
Decimal	3374455
CIELab	47.88, -24.33, -3.63
CIELCh	48, 24.597, 188.478
Yxy	16.7029, 0.2466, 0.3425
Android (android.graphics.Color)	4281564535 (0xFF337D77)
YUV	102.1900, 8.2873, -44.8936
Hunter-Lab	40.8692, -18.9851, -0.4681

Details

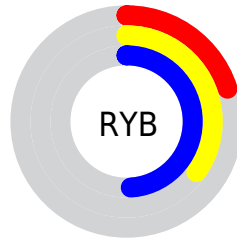
The Android color `4281564535` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286395193`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285117099`, and `4278209607` is the 20% darker color. If you saturate the color by 10%, you get `4280778102`, and if you desaturate by 10%, it is `4282416504`.

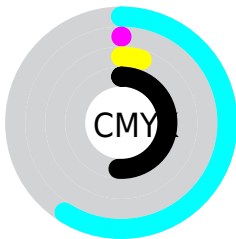
Distribution



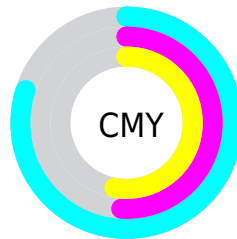
- Red (20%)
- Green (49%)
- Blue (47%)



- Red (20%)
- Yellow (35%)
- Blue (49%)



- Cyan (59%)
- Magenta (0%)
- Yellow (5%)
- Black (51%)



- Cyan (80%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281564535 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 4281564535 by changing the saturation by 10% instead.



4281564535



4281564535

4294967295



4279460958



4285117099



4278209607



4286959302



4278203440



4288735970



4278198300



4290576383



4278190080



4292476927



4294377471



4281564535



4281564535



4280778102



4282416504

■ 4279926133

■ 4283202937

■ 4279139700

■ 4284054906

■ 4278287731

■ 4284841339

■ 4278222195

■ 4285693308

■ 4286479741

■ 4287331710

■ 4288118143

■ 4288970112

Harmonies

Analogous

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



4283137122



4281564535



4280974475

Triad

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



4281564535



4286343826



4287458123

Complementary

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



4281564535



4286395193

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.



4288177497



4281564535



4287718529

Square

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



4281564535



4284445338



4288307820



4286214728

Rectangle

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



4281564535



4281694612



4288307820



4287719759

Sweetspot

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



4281564535



4287013793



4281957683



4282405456



4291940817



4283585106

Same Dimension

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



4281564535



4281312154



4281556605



4281942079



4278222965



4278190080

Inverse Universe

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



4286395193



4288884537



4286403123



4282399034



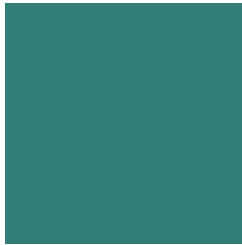
4286578698



4278190080

Previews

White Background



This preview shows how the Android color 4281564535 looks on a white background.

Color Contrast Check

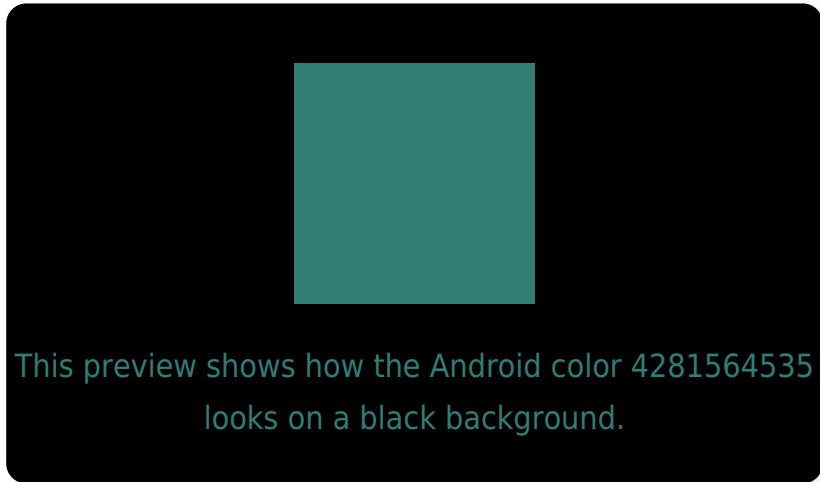
Large Text (above 18pt) WCAG AA ✓ Pass

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

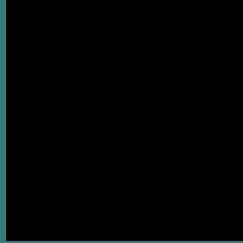
Any Text WCAG AA × Fail

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 4281564535 Background



This preview shows how black text looks on a background with the Android color 4281564535.

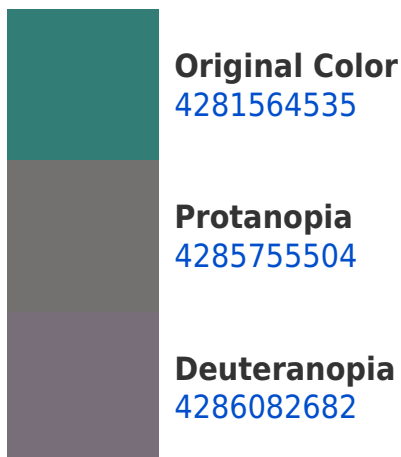


This preview shows how white text looks on a background with the Android color 4281564535.

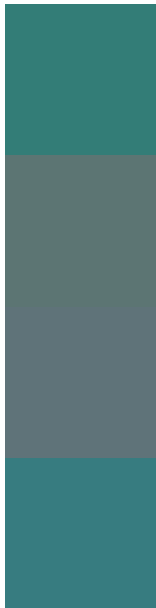
Color Blindness Simulation

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
4281564535

Protanomaly
4284249459

Deuteranomaly
4284445561

Tritanomaly
4281826432

Monochromacy



Original Color
4281564535

Achromatopsia
4284900966

Achromatomaly
4283657836

CSS Examples

Text

The CSS property to change the color of the text to Android 4281564535 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, 125, 119)` looks like.

```
.text, #text, p{  
    color:rgb(51, 125, 119)  
}
```

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, 125, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 125, 119) }
```

Border

The CSS property to change the border of an element to Android 4281564535 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, 125, 119) }
```

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

```
.border{ border-color:rgb(51, 125, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 125, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 125, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 125, 119);  
box-shadow:4px 4px 4px 4px rgb(51, 125,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4281564535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 125, 119) }
```

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

```
.background{ background-color: rgb(51, 125,  
119) }
```

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