

# Converting Colors

Android(4280187755)

Have a look what the booklet for  
Android(4280187755) contains.

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# Color

**Android(4280187755)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E7B6B
RGB	30, 123, 107
RGB Percent	12%, 48%, 42%
CMY	0.8824, 0.5176, 0.5804
CMYK	0.76, 0.00, 0.13, 0.52
HSL	170°, 61%, 30%
HSV	170°, 76%, 48%
XYZ	10.2722, 15.5035, 16.3610
YIQ	93.3690, -50.2920, -24.6920

# Conversions

## Conversions Part 2

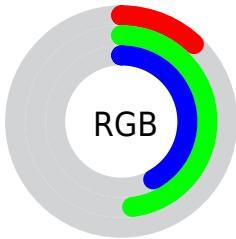
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 81, 123
Decimal	1997675
CIELab	46.32, -30.44, 1.11
CIELCh	46, 30.459, 177.904
Yxy	15.5035, 0.2438, 0.3679
Android (android.graphics.Color)	4280187755 (0xFF1E7B6B)
YUV	93.3690, 6.7201, -55.5746
Hunter-Lab	39.3745, -22.3372, 2.9258

# Details

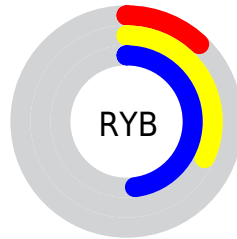
The Android color `4280187755` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286258734`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4284133534`, and `4278208828` is the 20% darker color. If you saturate the color by 10%, you get `4279401321`, and if you desaturate by 10%, it is `4280974189`.

# Distribution



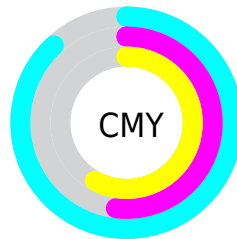
- Red (12%)
- Green (48%)
- Blue (42%)



- Red (12%)
- Yellow (32%)
- Blue (48%)



- Cyan (76%)
- Magenta (0%)
- Yellow (13%)
- Black (52%)



- Cyan (88%)
- Magenta (52%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280187755 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 4280187755 by changing the saturation by 10% instead.



 4280187755

 4280187755

4294967295

 4278215251

 4284133534

 4278208828

 4285975737

 4278202918

 4287752405

 4278198033

 4289658865

 4278190080

 4291493887

 4293394431

 4280187755

 4280187755

 4279401321

 4280974189

■ 4278549351

■ 4281826159

■ 4278221670

■ 4282612593

■ 4283399027

■ 4284185462

■ 4285037432

■ 4285823866

■ 4286610300

■ 4287462270

# Harmonies

## Analogous

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



4282874194



4280187755



4278221701

# Triad

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



4280187755



4285425819



4287849283

# Complementary

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



4280187755



4286258734

# 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.



4288568151



4280187755



4287389577

# Square

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



4280187755



4282610080



4288436593



4286606394

# Rectangle

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



4280187755



4278221203



4288436593



4288176201



# Sweetspot

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



4280187755



4286357914



4281301790



4282077774



4291940817



4283585106



# Same Dimension

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



4280187755



4279148935



4280180347



4281810236



4278222183



4278254801



# Inverse Universe

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



4286258734



4288745000



4286266142



4282201912



4286382101



4294705195



# Previews

## White Background



This preview shows how the Android color 4280187755 looks on a white background.

## Color Contrast Check

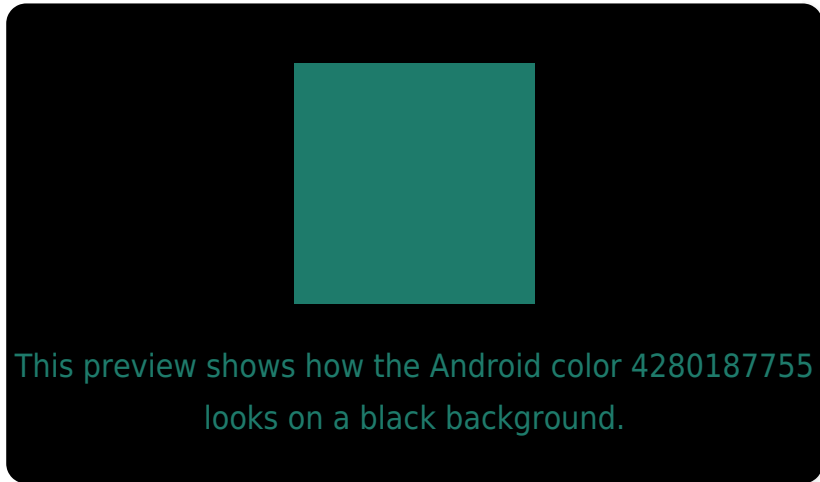
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280187755 Background



This preview shows how black text looks on a background with the Android color 4280187755.

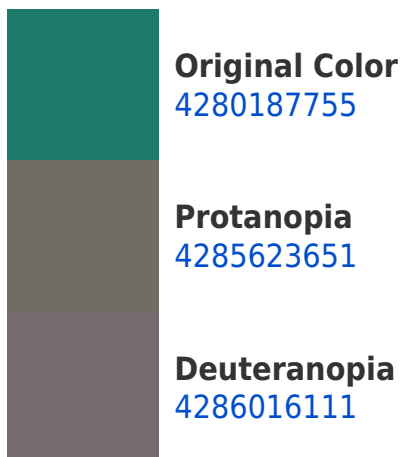


This preview shows how white text looks on a background with the Android color 4280187755.

# 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**  
4280187755

**Protanomaly**  
4283658854

**Deuteranomaly**  
4283920494

**Tritanomaly**  
4280711546

# Monochromacy



**Original Color**  
4280187755

**Achromatopsia**  
4284308829

**Achromatomaly**  
4282804322

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280187755 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(30, 123, 107)` looks like.

```
.text, #text, p{  
    color:rgb(30, 123, 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(30, 123, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 123, 107) }
```

## Border

The CSS property to change the border of an element to Android 4280187755 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(30, 123, 107) }
```

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

```
.border{ border-color:rgb(30, 123, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 123, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 123, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 123, 107);  
box-shadow:4px 4px 4px 4px rgb(30, 123,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4280187755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 123, 107) }
```

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

```
.background{ background-color: rgb(30, 123,  
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](#).



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