

# Converting Colors

Android(4280457086)

Have a look what the booklet for  
Android(4280457086) contains.

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# Color

**Android(4280457086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22977E
RGB	34, 151, 126
RGB Percent	13%, 59%, 49%
CMY	0.8667, 0.4078, 0.5059
CMYK	0.77, 0.00, 0.17, 0.41
HSL	167°, 63%, 36%
HSV	167°, 77%, 59%
XYZ	15.4922, 23.9797, 23.5507
YIQ	113.1670, -61.7070, -32.5790

# Conversions

## Conversions Part 2

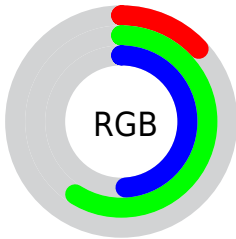
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 99, 151
Decimal	2267006
CIE <sub>Lab</sub>	56.07, -37.51, 4.20
CIE <sub>LCh</sub>	56, 37.745, 173.611
Yxy	23.9797, 0.2458, 0.3805
Android (android.graphics.Color)	4280457086 (0xFF22977E)
<b>YUV</b>	113.1670, 6.3267, -69.4295
Hunter-Lab	48.9690, -29.2243, 5.7640

# Details

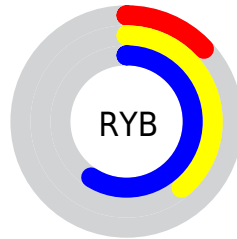
The Android color `4280457086` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288094779`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4284731059`, and `4278215501` is the 20% darker color. If you saturate the color by 10%, you get `4279474043`, and if you desaturate by 10%, it is `4281440129`.

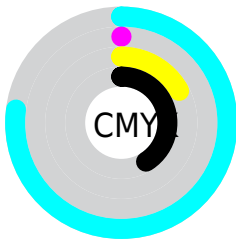
# Distribution



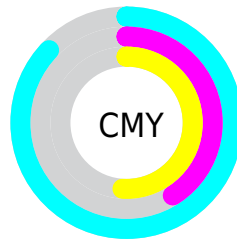
- Red (13%)
- Green (59%)
- Blue (49%)



- Red (13%)
- Yellow (39%)
- Blue (59%)



- Cyan (77%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (87%)
- Magenta (41%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280457086 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 4280457086 by changing the saturation by 10% instead.





4280457086



4280457086

4294967295



4278222181



4284731059



4278215501



4286638798



4278209078



4288544746



4278203169



4290445311



4278197771



4292345855



4278190080



4294311935



4280457086



4280457086



4279474043



4281440129

■ 4278491000

■ 4282423172

■ 4278228855

■ 4283406216

■ 4284389259

■ 4285437838

■ 4286420881

■ 4287403925

■ 4288386968

■ 4289370011

# Harmonies

## Analogous

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



4284126046



4280457086



4278228896

# Triad

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



4280457086



4286546370



4290344531

# Complementary

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



4280457086



4288094779

# 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.



4291128686



4280457086



4289295534

# Square

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



4280457086



4282485959



4290800783



4288774724

# Rectangle

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



4280457086



4278228403



4290800783



4290736987



# Sweetspot

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



4280457086



4288136379



4282095394



4282934110



4293125091



4284703587



# Same Dimension

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



4280457086



4279157917



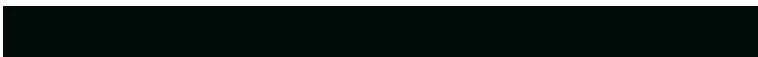
4280448663



4282731851



4278226030



4278193418



# Inverse Universe

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



4288094779



4291038773



4288103202



4283254086



4287365150

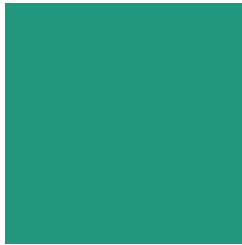


4279042051



# Previews

## White Background



This preview shows how the Android color 4280457086 looks on a white background.

## Color Contrast Check

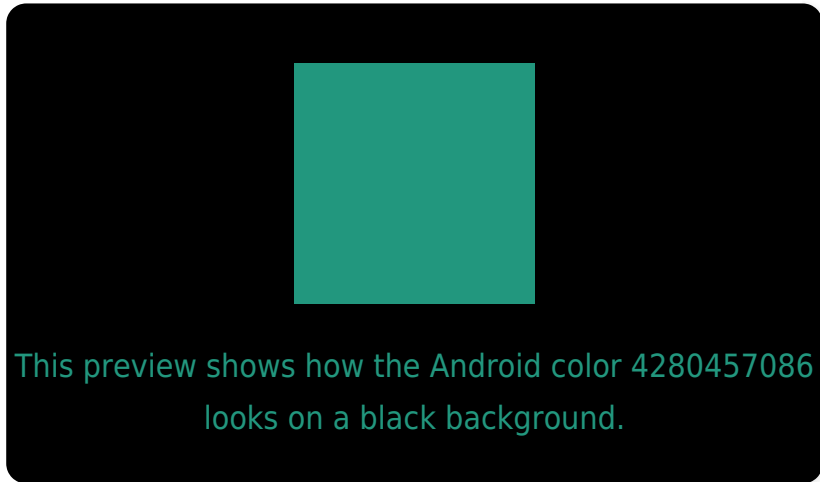
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280457086 Background



This preview shows how black text looks on a background with the Android color 4280457086.

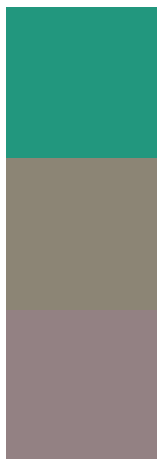


This preview shows how white text looks on a background with the Android color 4280457086.

# 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**  
4280457086

**Protanopia**  
4287399285

**Deuteranopia**  
4287857027



# Trichromacy



**Original Color**

4280457086



**Protanomaly**

4284845176



**Deuteranomaly**

4285172097



**Tritanomaly**

4281242770

# Monochromacy



**Original Color**

4280457086



**Achromatopsia**

4285624689



**Achromatomaly**

4283727734

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280457086 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(34, 151, 126)` looks like.

```
.text, #text, p{  
    color:rgb(34, 151, 126)  
}
```

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(34, 151, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 151, 126) }
```

## Border

The CSS property to change the border of an element to Android 4280457086 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(34, 151, 126) }
```

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

```
.border{ border-color:rgb(34, 151, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 151, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 151, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 151, 126);  
box-shadow:4px 4px 4px 4px rgb(34, 151,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4280457086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 151, 126) }
```

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

```
.background{ background-color: rgb(34, 151,  
126) }
```

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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