

# Converting Colors

Android(4280646770)

Have a look what the booklet for  
Android(4280646770) contains.

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# Color

**Android(4280646770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	257C72
RGB	37, 124, 114
RGB Percent	15%, 49%, 45%
CMY	0.8549, 0.5137, 0.5529
CMYK	0.70, 0.00, 0.08, 0.51
HSL	173°, 54%, 32%
HSV	173°, 70%, 49%
XYZ	11.0079, 16.0235, 18.4323
YIQ	96.8470, -48.6420, -21.5540

# Conversions

## Conversions Part 2

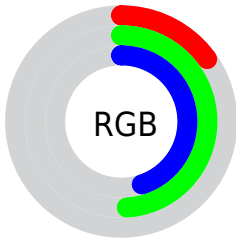
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 83, 124
Decimal	2456690
CIELab	47.01, -27.85, -2.01
CIELCh	47, 27.927, 184.123
Yxy	16.0235, 0.2421, 0.3524
Android (android.graphics.Color)	4280646770 (0xFF257C72)
YUV	96.8470, 8.4564, -52.4858
Hunter-Lab	40.0294, -20.9649, 0.7194

# Details

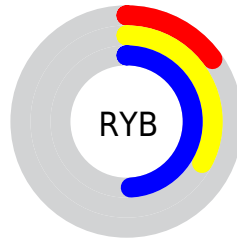
The Android color `4280646770` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4286326063`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284461478`, and `4278209090` is the 20% darker color. If you saturate the color by 10%, you get `4279860337`, and if you desaturate by 10%, it is `4281433203`.

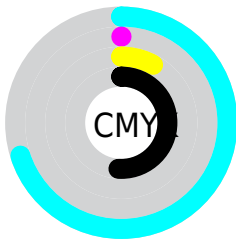
# Distribution



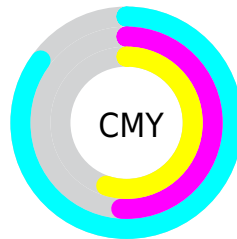
- Red (15%)
- Green (49%)
- Blue (45%)



- Red (15%)
- Yellow (33%)
- Blue (49%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (85%)
- Magenta (51%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280646770 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 4280646770 by changing the saturation by 10% instead.



■ 4280646770

■ 4280646770

4294967295

■ 4278215514

■ 4284461478

■ 4278209090

■ 4286238145

■ 4278203180

■ 4288080349

■ 4278198296

■ 4289921017

■ 4278190080

■ 4291821567

■ 4293722111

■ 4280646770

■ 4280646770

■ 4279860337

■ 4281433203

■ 4279008367

■ 4282285173

■ 4278221934

■ 4283071606

■ 4283923576

■ 4284710009

■ 4285496443

■ 4286348412

■ 4287134845

■ 4287986815

# Harmonies

## Analogous

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



4282808922



4280646770



4278483849

# Triad

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



4280646770



4285950102



4287653702

# Complementary

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



4280646770



4286326063

# 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.



4288372822



4280646770



4287651972

# Square

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



4280646770



4283658654



4288437613



4286345024

# Rectangle

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



4280646770



4279859605



4288437613



4287980618



# Sweetspot

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



4280646770



4286554525



4281302053



4282208847



4291940817



4283585106



# Same Dimension

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



4280646770



4279935377



4280638332



4281810236



4278222191



4278254815



# Inverse Universe

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



4286326063



4288748073



4286334501



4282201912



4286382094

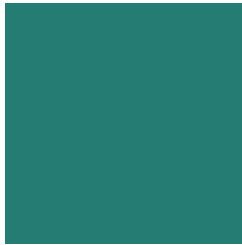


4294705181



# Previews

## White Background



This preview shows how the Android color 4280646770 looks on a white background.

## Color Contrast Check

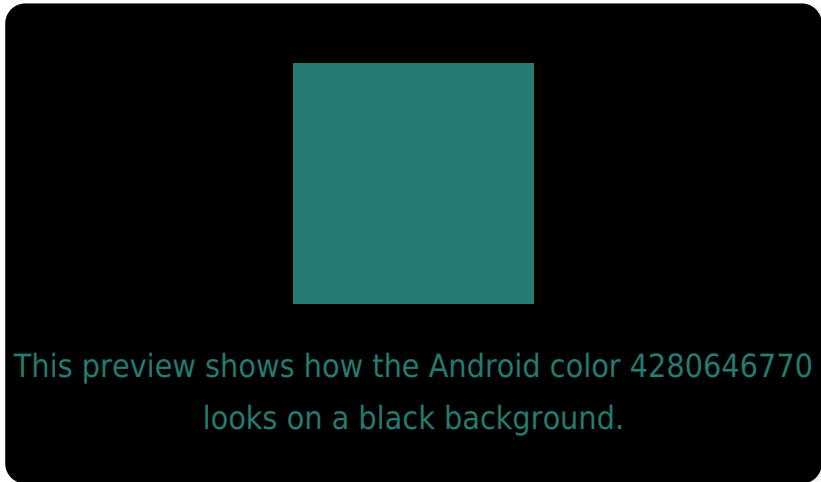
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280646770 Background



This preview shows how black text looks on a background with the Android color 4280646770.

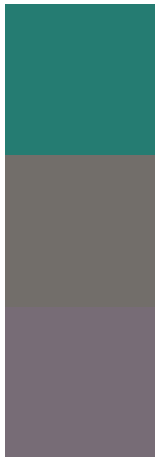


This preview shows how white text looks on a background with the Android color 4280646770.

# 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



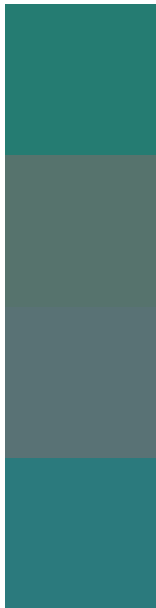
**Original Color**  
4280646770

**Protanopia**  
4285689450

**Deuteranopia**  
4286016630



# Trichromacy



**Original Color**  
4280646770

**Protanomaly**  
4283855725

**Deuteranomaly**  
4284052085

**Tritanomaly**  
4281039485

# Monochromacy



**Original Color**  
4280646770

**Achromatopsia**  
4284572001

**Achromatomaly**  
4283132775

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280646770 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(37, 124, 114)` looks like.

```
.text, #text, p{  
    color:rgb(37, 124, 114)  
}
```

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(37, 124, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 124, 114) }
```

## Border

The CSS property to change the border of an element to Android 4280646770 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(37, 124, 114) }
```

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

```
.border{ border-color:rgb(37, 124, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 124, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 124, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 124, 114);  
box-shadow:4px 4px 4px 4px rgb(37, 124,  
114) }
```

# Background

The CSS property to change the background color of an element to Android 4280646770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 124, 114) }
```

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

```
.background{ background-color: rgb(37, 124,  
114) }
```

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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