

# Converting Colors

Android(4280380743)

Have a look what the booklet for  
Android(4280380743) contains.

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# Color

**Android(4280380743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	216D47
RGB	33, 109, 71
RGB Percent	13%, 43%, 28%
CMY	0.8706, 0.5725, 0.7216
CMYK	0.70, 0.00, 0.35, 0.57
HSL	150°, 54%, 28%
HSV	150°, 70%, 43%
XYZ	7.2332, 11.7155, 7.8413
YIQ	81.9440, -33.0980, -27.9300

# Conversions

## Conversions Part 2

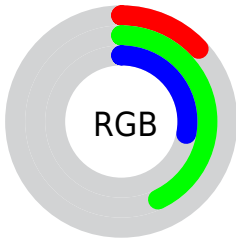
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 84, 109
Decimal	2190663
CIE <sub>Lab</sub>	40.76, -32.77, 14.65
CIE <sub>LCh</sub>	41, 35.899, 155.909
Yxy	11.7155, 0.2700, 0.4373
Android (android.graphics.Color)	4280380743 (0xFF216D47)
YUV	81.9440, -5.3954, -42.9239
Hunter-Lab	34.2280, -22.1777, 10.3768

# Details

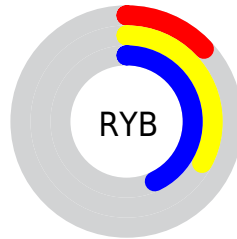
The Android color `4280380743` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285342023`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4283998584`, and `4278205467` is the 20% darker color. If you saturate the color by 10%, you get `4279659842`, and if you desaturate by 10%, it is `4281101644`.

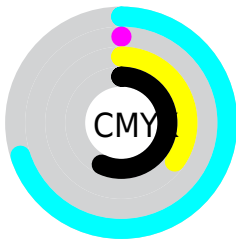
# Distribution



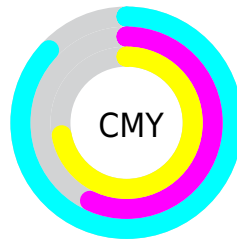
- Red (13%)
- Green (43%)
- Blue (28%)



- Red (13%)
- Yellow (33%)
- Blue (43%)



- Cyan (70%)
- Magenta (0%)
- Yellow (35%)
- Black (57%)



- Cyan (87%)
- Magenta (57%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280380743 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 4280380743 by changing the saturation by 10% instead.





4280380743



4280380743

4294967295



4278211632



4283998584



4278205467



4285709713



4278200066



4287486380



4278191360



4289328583



4278190080



4291166179



4293066751



4280380743



4280380743



4279659842



4281101644

■ 4278938940

■ 4281822546

■ 4278218039

■ 4282543447

■ 4283264349

■ 4283919714

■ 4284640616

■ 4285361517

■ 4286082419

■ 4286803320

# Harmonies

## Analogous

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



4283263022



4280380743



4278218597

# Triad

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



4280380743



4281688474



4287908671

# Complementary

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



4280380743



4285342023

# 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.



4288038491



4280380743



4285159056

# Square

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



4280380743



4278217365



4287187833



4286862890

# Rectangle

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



4280380743



4278218617



4287187833



4288039240



# Sweetspot

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



4280380743



4285632384



4282871073



4281747262



4291282887



4282861383



# Same Dimension

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



4280380743



4279734099



4280380781



4281349683



4278220091



4278252922



# Inverse Universe

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



4285342023



4287567699



4285341985



4281741363



4285857851



4294246522



# Previews

## White Background



This preview shows how the Android color 4280380743 looks on a white background.

## Color Contrast Check

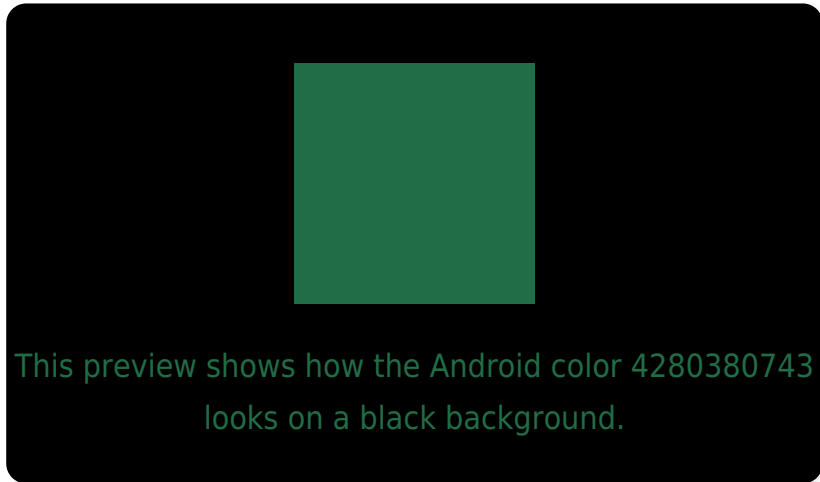
Large Text (above 18pt) WCAG AA ✓ Pass

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

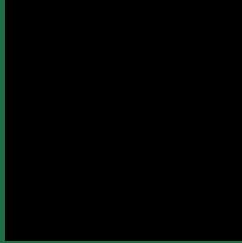
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280380743 Background



This preview shows how black text looks on a background with the Android color 4280380743.



This preview shows how white text looks on a background with the Android color 4280380743.

# 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**

4280380743

**Protanopia**

4284964929

**Deuteranopia**

4285553739



# Trichromacy



**Original Color**  
4280380743

**Protanomaly**  
4283327811

**Deuteranomaly**  
4283654730

**Tritanomaly**  
4281035361

# Monochromacy



**Original Color**  
4280380743

**Achromatopsia**  
4283585106

**Achromatomaly**  
4282408014

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280380743 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(33, 109, 71)` looks like.

```
.text, #text, p{  
    color:rgb(33, 109, 71)  
}
```

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(33, 109, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 109, 71) }
```

## Border

The CSS property to change the border of an element to Android 4280380743 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(33, 109, 71) }
```

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

```
.border{ border-color:rgb(33, 109, 71) }
```

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

Here you see how a box with a 4 pixel rgb(33, 109, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 109, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 109, 71);  
box-shadow:4px 4px 4px 4px rgb(33, 109,  
71) }
```

# Background

The CSS property to change the background color of an element to Android 4280380743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 109, 71) }
```

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

```
.background{ background-color: rgb(33, 109,  
71) }
```

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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