

# Converting Colors

Android(4280383575)

Have a look what the booklet for  
Android(4280383575) contains.

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# Color

**Android(4280383575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	217857
RGB	33, 120, 87
RGB Percent	13%, 47%, 34%
CMY	0.8706, 0.5294, 0.6588
CMYK	0.72, 0.00, 0.27, 0.53
HSL	157°, 57%, 30%
HSV	157°, 72%, 47%
XYZ	9.0640, 14.4444, 11.3272
YIQ	90.2250, -41.2590, -28.7070

# Conversions

## Conversions Part 2

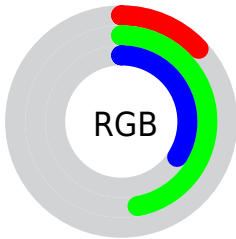
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 87, 120
Decimal	2193495
CIE Lab	44.86, -33.91, 10.87
CIE LCh	45, 35.609, 162.218
Yxy	14.4444, 0.2602, 0.4146
Android (android.graphics.Color)	4280383575 (0xFF217857)
YUV	90.2250, -1.5899, -50.1863
Hunter-Lab	38.0058, -23.9398, 8.9334

# Details

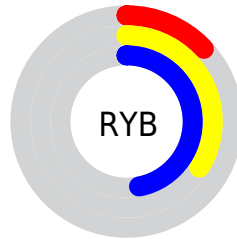
The Android color `4280383575` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4286062914`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284132745`, and `4278208042` is the 20% darker color. If you saturate the color by 10%, you get `4279597138`, and if you desaturate by 10%, it is `4281170012`.

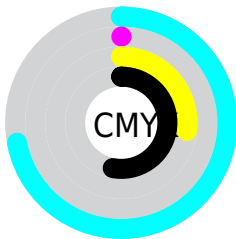
# Distribution



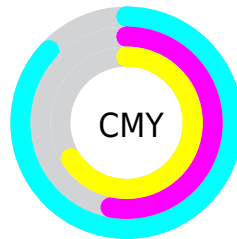
- Red (13%)
- Green (47%)
- Blue (34%)



- Red (13%)
- Yellow (34%)
- Blue (47%)



- Cyan (72%)
- Magenta (0%)
- Yellow (27%)
- Black (53%)



- Cyan (87%)
- Magenta (53%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280383575 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 4280383575 by changing the saturation by 10% instead.





4280383575



4280383575

4294967295



4278214464



4284132745



4278208042



4285909411



4278202133



4287751614



4278196736



4289593306



4278190080



4291428343



4293328895



4280383575



4280383575



4279597138



4281170012

■ 4278810702

■ 4281956448

■ 4278220874

■ 4282742885

■ 4283529321

■ 4284315758

■ 4285102194

■ 4285888631

■ 4286675067

■ 4287461504

# Harmonies

## Analogous

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



4283397181



4280383575



4278221174

# Triad

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



4280383575



4283328932



4288501828

# Complementary

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



4280383575



4286062914

# 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.



4288827743



4280383575



4286340758

# Square

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



4280383575



4278219426



4288173181



4287324721

# Rectangle

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



4280383575



4278220937



4288173181



4288697676



# Sweetspot

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



4280383575



4286160015



4282546209



4282011463



4291809231



4283387727



# Same Dimension

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



4280383575



4279540840



4280381048



4281810235



4278222158



4278254749



# Inverse Universe

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



4286062914



4288418888



4286065441



4282201913



4286382127



4294705248



# Previews

## White Background



This preview shows how the Android color 4280383575 looks on a white background.

## Color Contrast Check

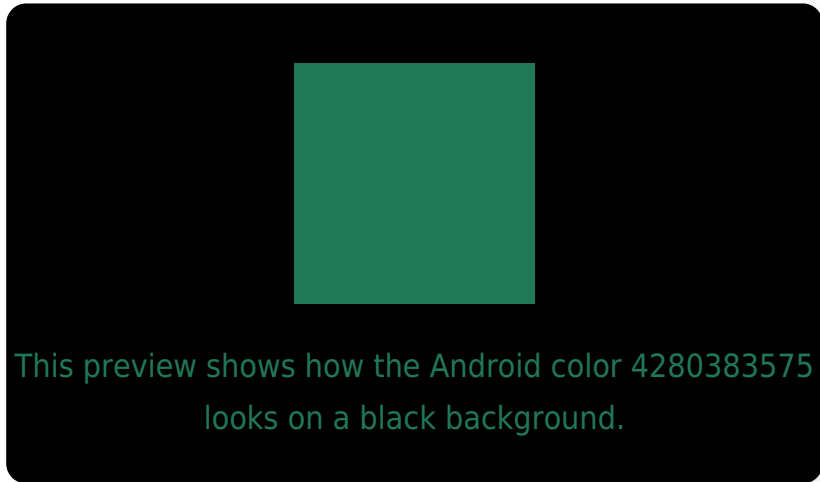
Large Text (above 18pt) WCAG AA ✓ Pass

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

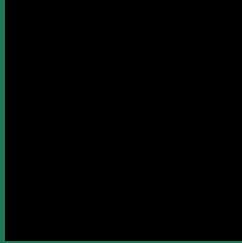
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280383575 Background



This preview shows how black text looks on a background with the Android color 4280383575.



This preview shows how white text looks on a background with the Android color 4280383575.

# 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**  
4280383575

**Protanopia**  
4285622608

**Deuteranopia**  
4286146139



# Trichromacy



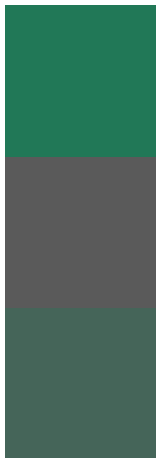
**Original Color**  
4280383575

**Protanomaly**  
4283723347

**Deuteranomaly**  
4284050778

**Tritanomaly**  
4281103727

# Monochromacy



**Original Color**  
4280383575

**Achromatopsia**  
4284111450

**Achromatomaly**  
4282738009

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280383575 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, 120, 87)` looks like.

```
.text, #text, p{  
    color:rgb(33, 120, 87)  
}
```

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, 120, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 120, 87) }
```

## Border

The CSS property to change the border of an element to Android 4280383575 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, 120, 87) }
```

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

```
.border{ border-color:rgb(33, 120, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 120, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(33, 120,  
87) }
```

# Background

The CSS property to change the background color of an element to Android 4280383575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 120, 87) }
```

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

```
.background{ background-color: rgb(33, 120,  
87) }
```

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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