

# Converting Colors

Android(4280706387)

Have a look what the booklet for  
Android(4280706387) contains.

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# Color

**Android(4280706387)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	266553
RGB	38, 101, 83
RGB Percent	15%, 40%, 33%
CMY	0.8510, 0.6039, 0.6745
CMYK	0.62, 0.00, 0.18, 0.60
HSL	163°, 45%, 27%
HSV	163°, 62%, 40%
XYZ	7.0143, 10.3440, 9.8105
YIQ	80.1110, -31.7700, -18.9540

# Conversions

## Conversions Part 2

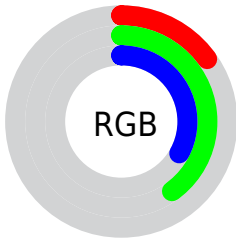
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 75, 101
Decimal	2516307
CIELab	38.45, -24.98, 4.22
CIELCh	38, 25.338, 170.407
Yxy	10.3440, 0.2582, 0.3807
Android (android.graphics.Color)	4280706387 (0xFF266553)
YUV	80.1110, 1.4243, -36.9313
Hunter-Lab	32.1620, -17.3538, 4.4280

# Details

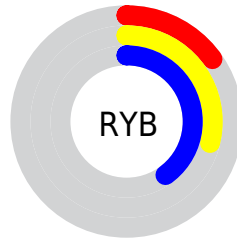
The Android color `4280706387` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284819000`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4284127364`, and `4278203686` is the 20% darker color. If you saturate the color by 10%, you get `4280051024`, and if you desaturate by 10%, it is `4281361750`.

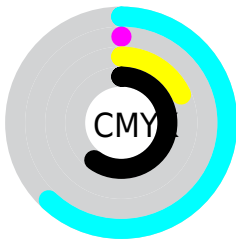
# Distribution



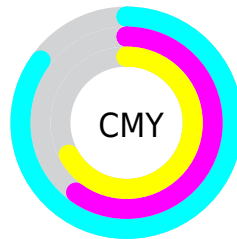
- Red (15%)
- Green (40%)
- Blue (33%)



- Red (15%)
- Yellow (29%)
- Blue (40%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (60%)



- Cyan (85%)
- Magenta (60%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280706387 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 4280706387 by changing the saturation by 10% instead.





4280706387



4280706387

4294967295



4278603068



4284127364



4278203686



4285838239



4278198546



4287614905



4278190080



4289391573



4291231729



4293132287



4280706387



4280706387



4280051024



4281361750

■ 4279395661

■ 4282017113

■ 4278740298

■ 4282672476

■ 4278216008

■ 4283327839

■ 4284048737

■ 4284704100

■ 4285359463

■ 4286014826

■ 4286670189

# Harmonies

## Analogous

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



4282540608



4280706387



4278216040

# Triad

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



4280706387



4283652225



4286337084

# Complementary

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



4280706387



4284819000

# 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.



4286729037



4280706387



4285419637

# Square

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



4280706387



4281294723



4286466914



4285421362

# Rectangle

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



4280706387



4278215796



4286466914



4286533185



# Sweetspot

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



4280706387



4285104763



4281951526



4281549374



4290953922



4282532418



# Same Dimension

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



4280706387



4280386150



4280703077



4281217842



4278219602



4278252205



# Inverse Universe

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



4284819000



4286718268



4284822310



4281544239



4285726753

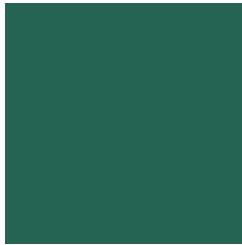


4294049861



# Previews

## White Background



This preview shows how the Android color 4280706387 looks on a white background.

## Color Contrast Check

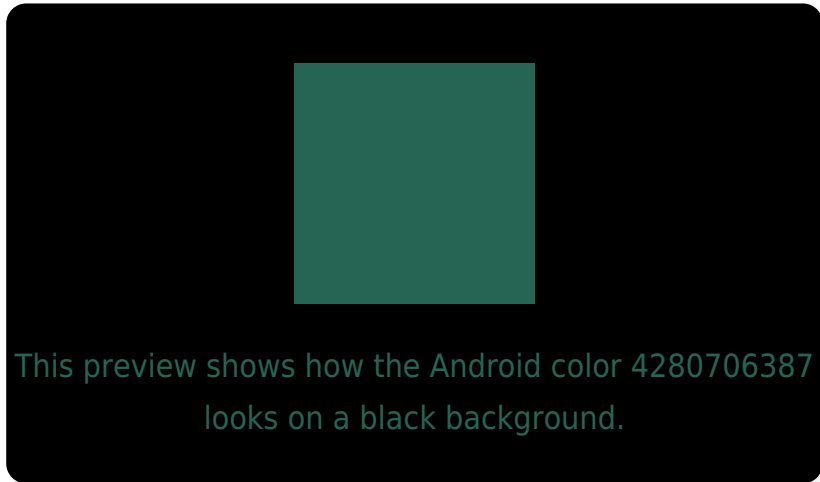
Large Text (above 18pt) WCAG AA ✓ Pass

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

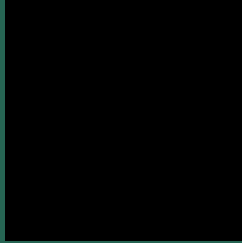
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280706387 Background



This preview shows how black text looks on a background with the Android color 4280706387.



This preview shows how white text looks on a background with the Android color 4280706387.

# 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**

4280706387

**Protanopia**

4284439117

**Deuteranopia**

4284766038



# Trichromacy



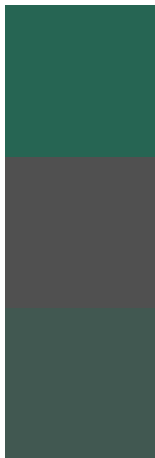
**Original Color**  
4280706387

**Protanomaly**  
4283063887

**Deuteranomaly**  
4283259989

**Tritanomaly**  
4281099106

# Monochromacy



**Original Color**  
4280706387

**Achromatopsia**  
4283453520

**Achromatomaly**  
4282472529

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280706387 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(38, 101, 83)` looks like.

```
.text, #text, p{  
    color:rgb(38, 101, 83)  
}
```

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(38, 101, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 101, 83) }
```

## Border

The CSS property to change the border of an element to Android 4280706387 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(38, 101, 83) }
```

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

```
.border{ border-color:rgb(38, 101, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 101, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 101, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 101, 83);  
box-shadow:4px 4px 4px 4px rgb(38, 101,  
83) }
```

# Background

The CSS property to change the background color of an element to Android 4280706387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 101, 83) }
```

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

```
.background{ background-color: rgb(38, 101,  
83) }
```

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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