

# Converting Colors

Android(4280387387)

Have a look what the booklet for  
Android(4280387387) contains.

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# Color

**Android(4280387387)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 21873B                      |
| RGB           | 33, 135, 59                 |
| RGB Percent   | 13%, 53%, 23%               |
| CMY           | 0.8706, 0.4706, 0.7686      |
| CMYK          | 0.76, 0.00, 0.56, 0.47      |
| HSL           | 135°, 61%, 33%              |
| HSV           | 135°, 76%, 53%              |
| XYZ           | 10.0806, 17.9670, 7.0744    |
| YIQ           | 95.8380, -36.3960, -45.2600 |

# Conversions

## Conversions Part 2

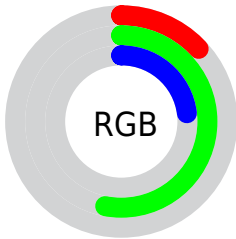
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 33, 114, 135                   |
| Decimal                             | 2197307                        |
| CIE <sub>Lab</sub>                  | 49.46, -45.46, 32.45           |
| CIE <sub>LCh</sub>                  | 49, 55.858, 144.480            |
| Yxy                                 | 17.9670, 0.2870,<br>0.5116     |
| Android<br>(android.graphics.Color) | 4280387387<br>(0xFF21873B)     |
| YUV                                 | 95.8380, -18.1611,<br>-55.1089 |
| Hunter-Lab                          | 42.3876, -31.7274,<br>19.7760  |

# Details

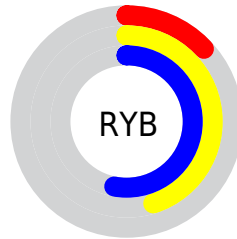
The Android color `4280387387` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287045997`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4284398956`, and `4278211594` is the 20% darker color. If you saturate the color by 10%, you get `4279469873`, and if you desaturate by 10%, it is `4281304901`.

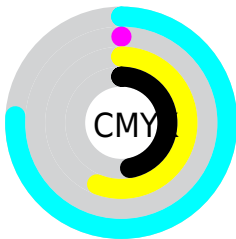
# Distribution



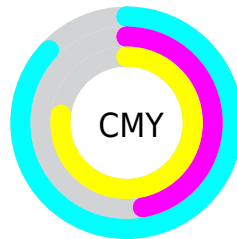
- Red (13%)
- Green (53%)
- Blue (23%)



- Red (13%)
- Yellow (45%)
- Blue (53%)



- Cyan (76%)
- Magenta (0%)
- Yellow (56%)
- Black (47%)



- Cyan (87%)
- Magenta (47%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280387387 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 4280387387 by changing the saturation by 10% instead.



 4280387387

 4280387387

4294967295

 4278218019

 4284398956

 4278211594

 4286241158

 4278205440

 4288083617

 4278199808

 4289986492

 4278190080

 4291887064

 4293787637

 4280387387

 4280387387

 4279469873

 4281304901

■ 4278617895

■ 4282156879

■ 4278224674

■ 4283074393

■ 4283926371

■ 4284843885

■ 4285695863

■ 4286613377

■ 4287465355

■ 4288382870

# Harmonies

## Analogous

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



4284972560



4280387387



4278225771

# Triad

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



4280387387



4278222548



4291381841

# Complementary

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



4280387387



4287045997

# 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.



4291118976



4280387387



4284771788

# Square

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



4280387387



4278225090



4289091501



4290141479

# Rectangle

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



4280387387



4278226060



4289091501



4291512161



# Sweetspot

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



4280387387



4287082642



4285433633



4282407239



4292467161



4284045657



# Same Dimension

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



4280387387



4279283769



4280387438



4282139197



4278223393



4278190849



# Inverse Universe

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



4287045997



4289728647



4287045947



4282530881



4286709857



4278386690



# Previews

## White Background



This preview shows how the Android color 4280387387 looks on a white background.

## Color Contrast Check

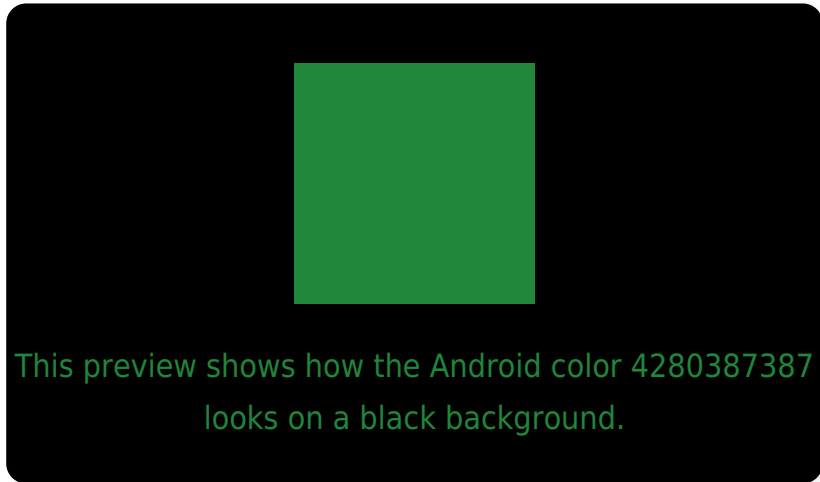
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4280387387 Background



This preview shows how black text looks on a background with the Android color 4280387387.



This preview shows how white text looks on a background with the Android color 4280387387.

# 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**  
4280387387

**Protanopia**  
4286739765

**Deuteranopia**  
4287590209



# Trichromacy



**Original Color**

4280387387



**Protanomaly**

4284447799



**Deuteranomaly**

4284971071



**Tritanomaly**

4281565805

# Monochromacy



**Original Color**

4280387387



**Achromatopsia**

4284506208



**Achromatomaly**

4283002451

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280387387 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, 135, 59)` looks like.

```
.text, #text, p{  
    color:rgb(33, 135, 59)  
}
```

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, 135, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 135, 59) }
```

## Border

The CSS property to change the border of an element to Android 4280387387 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, 135, 59) }
```

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

```
.border{ border-color:rgb(33, 135, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 135, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 135, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 135, 59);  
box-shadow:4px 4px 4px 4px rgb(33, 135,  
59) }
```

# Background

The CSS property to change the background color of an element to Android 4280387387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 135, 59) }
```

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

```
.background{ background-color: rgb(33, 135,  
59) }
```

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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