

# Converting Colors

Android(4280378122)

Have a look what the booklet for  
Android(4280378122) contains.

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# Color

**Android(4280378122)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 21630A                      |
| RGB           | 33, 99, 10                  |
| RGB Percent   | 13%, 39%, 4%                |
| CMY           | 0.8706, 0.6118, 0.9608      |
| CMYK          | 0.67, 0.00, 0.90, 0.61      |
| HSL           | 104°, 82%, 21%              |
| HSV           | 104°, 90%, 39%              |
| XYZ           | 5.1438, 9.2689, 1.8051      |
| YIQ           | 69.1200, -10.7670, -41.6710 |

# Conversions

## Conversions Part 2

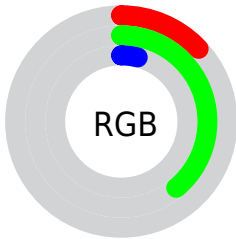
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 10, 99, 76                     |
| Decimal                             | 2188042                        |
| CIELab                              | 36.50, -37.15, 39.51           |
| CIELCh                              | 36, 54.238, 133.236            |
| Yxy                                 | 9.2689, 0.3172,<br>0.5715      |
| Android<br>(android.graphics.Color) | 4280378122<br>(0xFF21630A)     |
| YUV                                 | 69.1200, -29.1462,<br>-31.6772 |
| Hunter-Lab                          | 30.4449, -23.1201,<br>17.7960  |

# Details

The Android color `4280378122` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4283173475`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4283995966`, and `4278203136` is the 20% darker color. If you saturate the color by 10%, you get `4279919360`, and if you desaturate by 10%, it is `4280836884`.

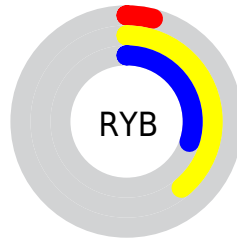
# Distribution



Red (13%)

Green (39%)

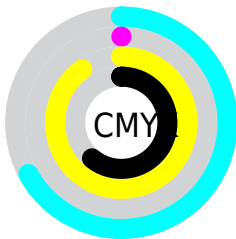
Blue (4%)



Red (4%)

Yellow (39%)

Blue (30%)

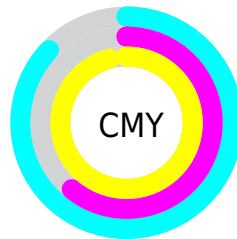


Cyan (67%)

Magenta (0%)

Yellow (90%)

Black (61%)



Cyan (87%)

Magenta (61%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280378122 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 4280378122 by changing the saturation by 10% instead.



 4280378122

 4280378122

 4294967291

 4278209280

 4283995966

 4278203136

 4285706839

 4278198016

 4287483249

 4278190080

 4289325707

 4291166118

 4293066690

 4294967262

 4280378122

 4280378122

■ 4279919360

■ 4280836884

■ 4281361182

■ 4281819944

■ 4282278706

■ 4282803004

■ 4283261765

■ 4283720527

■ 4284244825

■ 4284703587

# Harmonies

## Analogous

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



4283914752



4280378122



4278216763

# Triad

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



4280378122



4278215338



4288815941

# Complementary

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



4280378122



4283173475

# 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.



4288031088



4280378122



4278212012

# Square

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



4280378122



4278216849



4285481110



4288099867

# Rectangle

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



4280378122



4278217050



4285481110



4288749907



# Sweetspot

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



4280378122



4284907613



4284697354



4281417771



4290756543



4282400832



# Same Dimension

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



4280378122



4280385536



4278870815



4281151532



4280119296



4282314752



# Inverse Universe

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



4283173475



4284416128



4284680782



4281281584



4283629680

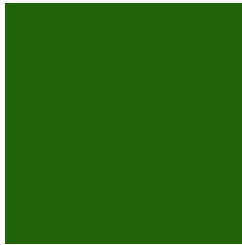


4289855728



# Previews

## White Background



This preview shows how the Android color 4280378122 looks on a white background.

## Color Contrast Check

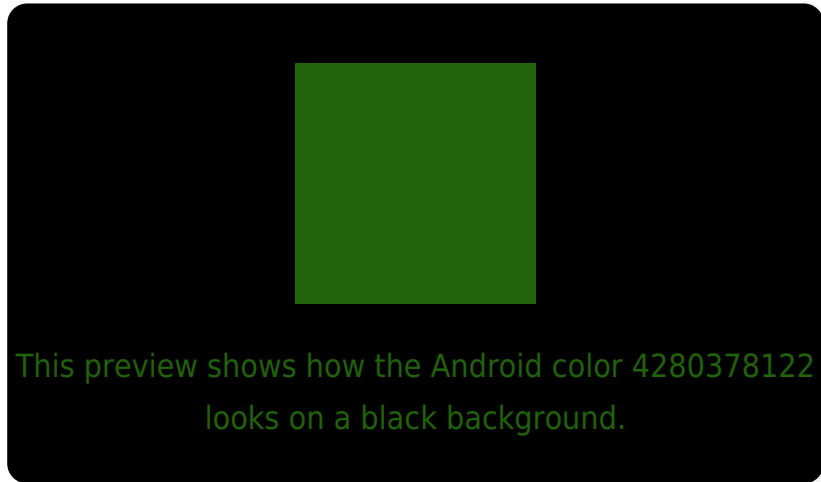
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4280378122 Background



This preview shows how black text looks on a background with the Android color 4280378122.



This preview shows how white text looks on a background with the Android color 4280378122.

# 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**  
4280378122

**Protanopia**  
4284569091

**Deuteranopia**  
4285288727



# Trichromacy



**Original Color**  
4280378122

**Protanomaly**  
4283063046

**Deuteranomaly**  
4283521042

**Tritanomaly**  
4281098051

# Monochromacy



**Original Color**  
4280378122

**Achromatopsia**  
4282729797

**Achromatomaly**  
4281880624

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280378122 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, 99, 10)` looks like.

```
.text, #text, p{  
    color:rgb(33, 99, 10)  
}
```

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, 99, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 99, 10) }
```

## Border

The CSS property to change the border of an element to Android 4280378122 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, 99, 10) }
```

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

```
.border{ border-color:rgb(33, 99, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 99, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 99, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 99, 10);  
box-shadow:4px 4px 4px 4px rgb(33, 99, 10)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280378122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 99, 10) }
```

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

```
.background{ background-color: rgb(33, 99,  
10) }
```

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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