

# Converting Colors

Android(4282808851)

Have a look what the booklet for  
Android(4282808851) contains.

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# Color

**Android(4282808851)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	467A13
RGB	70, 122, 19
RGB Percent	27%, 48%, 7%
CMY	0.7255, 0.5216, 0.9255
CMYK	0.43, 0.00, 0.84, 0.52
HSL	90°, 73%, 28%
HSV	90°, 84%, 48%
XYZ	9.6029, 15.2682, 3.0570
YIQ	94.7100, 2.0710, -43.0570

# Conversions

## Conversions Part 2

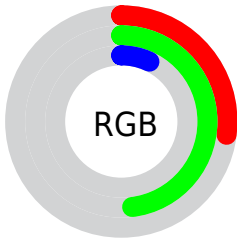
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 122, 71
Decimal	4618771
CIELab	46.00, -34.36, 46.11
CIELCh	46, 57.505, 126.696
Yxy	15.2682, 0.3438, 0.5467
Android (android.graphics.Color)	4282808851 (0xFF467A13)
YUV	94.7100, -37.3250, -21.6707
Hunter-Lab	39.0745, -24.5126, 22.7136

# Details

The Android color `4282808851` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4282848122`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4286295881`, and `4279191808` is the 20% darker color. If you saturate the color by 10%, you get `4282415623`, and if you desaturate by 10%, it is `4283202079`.

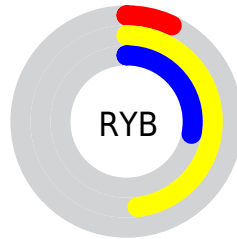
# Distribution



Red (27%)

Green (48%)

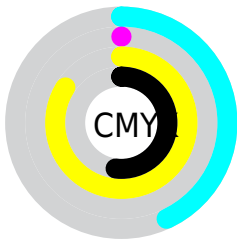
Blue (7%)



Red (7%)

Yellow (48%)

Blue (28%)

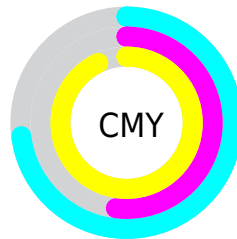


Cyan (43%)

Magenta (0%)

Yellow (84%)

Black (52%)



Cyan (73%)

Magenta (52%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282808851 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 4282808851 by changing the saturation by 10% instead.





4282808851



4282808851

4294967295



4281032960



4286295881



4279191808



4288072290



4278202624



4289914749



4278197504



4291821463



4278190080



4293722035



4294967247



4294967276



4282808851



4282808851

■ 4282415623

■ 4283202079

■ 4282153472

■ 4283595307

■ 4283988536

■ 4284447300

■ 4284840528

■ 4285233756

■ 4285626984

■ 4286020213

■ 4286413441

# Harmonies

## Analogous

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



4286148096



4282808851



4278222917

# Triad

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



4282808851



4278222021



4290918756

# Complementary

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



4282808851



4282848122

# 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.



4289610900



4282808851



4278218701

# Square

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



4282808851



4278223526



4286274491



4290463286

# Rectangle

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



4282808851



4278223462



4286274491



4290656884



# Sweetspot

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



4282808851



4287274615



4286203667



4282601271



4291809231



4283387727



# Same Dimension

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



4282808851



4283342336



4279466515



4282006839



4282285312



4286446592



# Inverse Universe

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



4282848122



4283433118



4286190458



4282005309



4282318973



4286513404



# Previews

## White Background



This preview shows how the Android color 4282808851 looks on a white background.

## Color Contrast Check

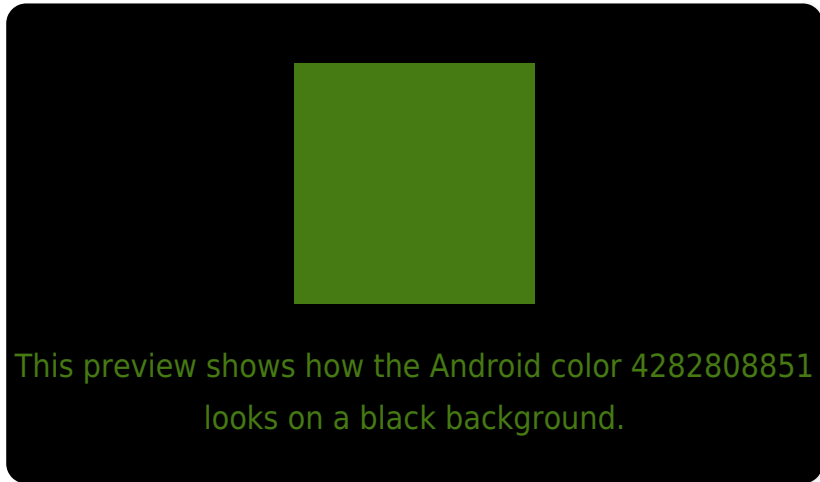
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282808851 Background



This preview shows how black text looks on a background with the Android color 4282808851.



This preview shows how white text looks on a background with the Android color 4282808851.

# 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**  
4282808851

**Protanopia**  
4286213391

**Deuteranopia**  
4287129374



**Tritanopia**  
4283724411

# Trichromacy



**Original Color**  
4282808851

**Protanomaly**  
4284969488

**Deuteranomaly**  
4285558298

**Tritanomaly**  
4283397461

# Monochromacy



**Original Color**  
4282808851

**Achromatopsia**  
4284440415

**Achromatomaly**  
4283853123

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282808851 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(70, 122, 19)` looks like.

```
.text, #text, p{  
    color:rgb(70, 122, 19)  
}
```

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(70, 122, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 122, 19) }
```

## Border

The CSS property to change the border of an element to Android 4282808851 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(70, 122, 19) }
```

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

```
.border{ border-color:rgb(70, 122, 19) }
```

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

Here you see how a box with a 4 pixel rgb(70, 122, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 122, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 122, 19);  
box-shadow:4px 4px 4px 4px rgb(70, 122,  
19) }
```

# Background

The CSS property to change the background color of an element to Android 4282808851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 122, 19) }
```

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

```
.background{ background-color: rgb(70, 122,  
19) }
```

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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