

# Converting Colors

Android(4282087168)

Have a look what the booklet for  
Android(4282087168) contains.

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**Color**

**Android(4282087168)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B7700
RGB	59, 119, 0
RGB Percent	23%, 47%, 0%
CMY	0.7686, 0.5333, 1.0000
CMYK	0.50, 0.00, 1.00, 0.53
HSL	90°, 100%, 23%
HSV	90°, 100%, 47%
XYZ	8.4005, 14.1235, 2.2834
YIQ	87.4940, 2.4390, -49.7290

# Conversions

## Conversions Part 2

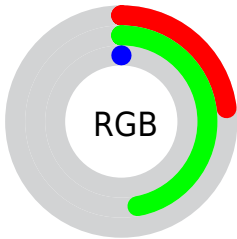
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 119, 60
Decimal	3897088
CIELab	44.41, -37.67, 49.00
CIELCh	44, 61.805, 127.549
Yxy	14.1235, 0.3386, 0.5693
Android (android.graphics.Color)	4282087168 (0xFF3B7700)
YUV	87.4940, -43.1345, -24.9892
Hunter-Lab	37.5812, -25.8673, 22.7045

# Details

The Android color `4282087168` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4282122359`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4285639742`, and `4278208000` is the 20% darker color. If you saturate the color by 10%, you get `4282087168`, and if you desaturate by 10%, it is `4282480396`.

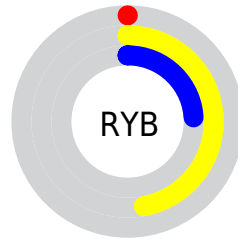
# Distribution



Red (23%)

Green (47%)

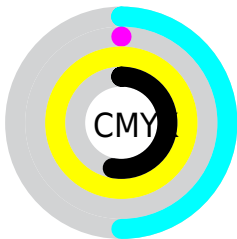
Blue (0%)



Red (0%)

Yellow (47%)

Blue (24%)

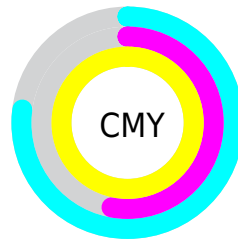


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (77%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282087168 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 4282087168 by changing the saturation by 10% instead.



 4282087168

 4282087168

4294967294

 4280180224

 4285639742


 4278208000

 4287481688

 4278202112

 4289258610

 4278196224

 4291166093

 4278190080

 4293066664

 4294967236

 4294967265

 4282087168

 4282480396

 4282873624

 4283266852

 4283660080

 4284053307

 4284446535

 4284839763

 4285232991

 4285626219

# Harmonies

## Analogous

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



4285819648



4282087168



4278222143

# Triad

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



4282087168



4278221256



4290980958

# Complementary

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



4282087168



4282122359

# 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.



4289673617



4282087168



4278217680

# Square

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



4282087168



4278222759



4286141883



4290395693

# Rectangle

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



4282087168



4278222691



4286141883



4290718832



# Sweetspot

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



4282087168



4286880877



4286003968



4282470195



4291809231



4283387727



# Same Dimension

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



4282087168



4283276288



4278220544



4281875253



4282219008



4286380544



# Inverse Universe

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



4282122359



4283302044



4285988983



4281873723



4282253434



4286447866



# Previews

## White Background



This preview shows how the Android color 4282087168 looks on a white background.

## Color Contrast Check

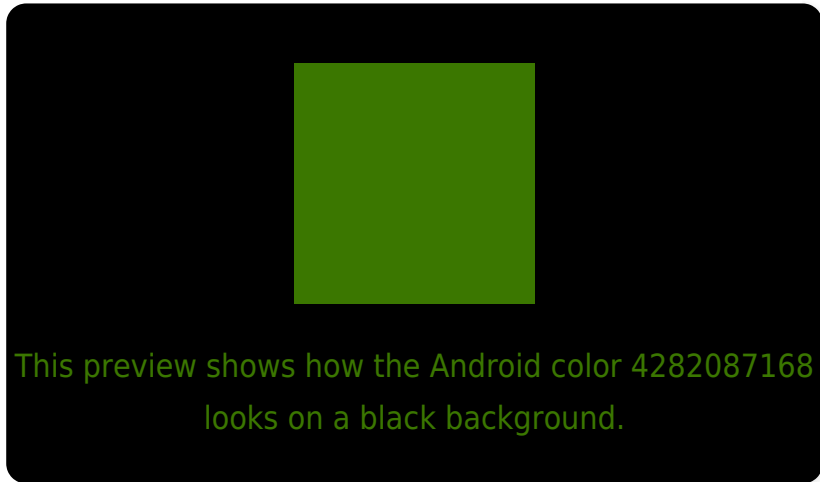
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282087168 Background



This preview shows how black text looks on a background with the Android color 4282087168.



This preview shows how white text looks on a background with the Android color 4282087168.

# 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**  
4282087168

**Protanopia**  
4285950208

**Deuteranopia**  
4286866200



**Tritanopia**  
4283133816

# Trichromacy



**Original Color**  
4282087168

**Protanomaly**  
4284575232

**Deuteranomaly**  
4285098511

**Tritanomaly**  
4282741324

# Monochromacy



**Original Color**  
4282087168

**Achromatopsia**  
4283914071

**Achromatomaly**  
4283261751

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282087168 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(59, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 119, 0)  
}
```

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(59, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 119, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282087168 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(59, 119, 0) }
```

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

```
.border{ border-color:rgb(59, 119, 0) }
```

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

Here you see how a box with a 4 pixel rgb(59, 119, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(59, 119, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282087168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 119, 0) }
```

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

```
.background{ background-color: rgb(59, 119,  
0) }
```

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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