

# Converting Colors

Android(4282809368)

Have a look what the booklet for  
Android(4282809368) contains.

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# Color

**Android(4282809368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	467C18
RGB	70, 124, 24
RGB Percent	27%, 49%, 9%
CMY	0.7255, 0.5137, 0.9059
CMYK	0.44, 0.00, 0.81, 0.51
HSL	92°, 68%, 29%
HSV	92°, 81%, 49%
XYZ	9.8983, 15.7833, 3.3889
YIQ	96.4540, -0.0840, -42.5480

# Conversions

## Conversions Part 2

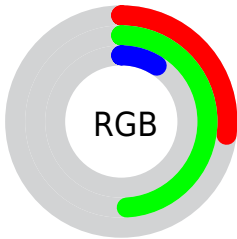
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 124, 78
Decimal	4619288
CIE Lab	46.69, -34.97, 45.17
CIE LCh	47, 57.127, 127.746
Yxy	15.7833, 0.3405, 0.5429
Android (android.graphics.Color)	4282809368 (0xFF467C18)
YUV	96.4540, -35.7198, -23.2002
Hunter-Lab	39.7283, -25.0511, 22.7522

# Details

The Android color `4282809368` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4283308156`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4286296396`, and `4279192064` is the 20% darker color. If you saturate the color by 10%, you get `4282350604`, and if you desaturate by 10%, it is `4283268132`.

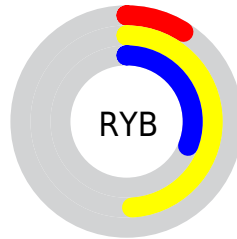
# Distribution



Red (27%)

Green (49%)

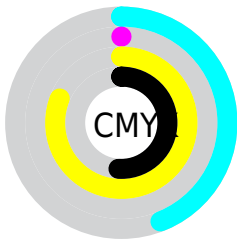
Blue (9%)



Red (9%)

Yellow (49%)

Blue (31%)

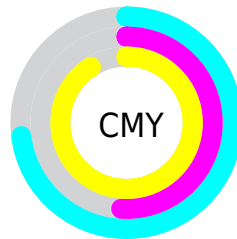


Cyan (44%)

Magenta (0%)

Yellow (81%)

Black (51%)



Cyan (73%)

Magenta (51%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282809368 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 4282809368 by changing the saturation by 10% instead.





4282809368



4282809368

4294967295



4281033472



4286296396



4279192064



4288138598



4278203136



4289915264



4278198016



4291821467



4278190080



4293722039



4294967251



4294967280



4282809368



4282809368

■ 4282350604

■ 4283268132

■ 4281957376

■ 4283661361

■ 4284120125

■ 4284578890

■ 4284972118

■ 4285430882

■ 4285889647

■ 4286348411

■ 4286741640

# Harmonies

## Analogous

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



4286214144



4282809368



4278223432

# Triad

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



4282809368



4278222279



4291050596

# Complementary

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



4282809368



4283308156

# 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.



4289807764



4282809368



4278218958

# Square

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



4282809368



4278223784



4286536891



4290529590

# Rectangle

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



4282809368



4278223977



4286536891



4290788468



# Sweetspot

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



4282809368



4287406458



4286336280



4282733114



4291940817



4283585106



# Same Dimension

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



4282809368



4283277573



4279794715



4282006839



4281957632



4285856768



# Inverse Universe

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



4283308156



4284024225



4286322809



4282005309



4282581117



4287103228



# Previews

## White Background



This preview shows how the Android color 4282809368 looks on a white background.

## Color Contrast Check

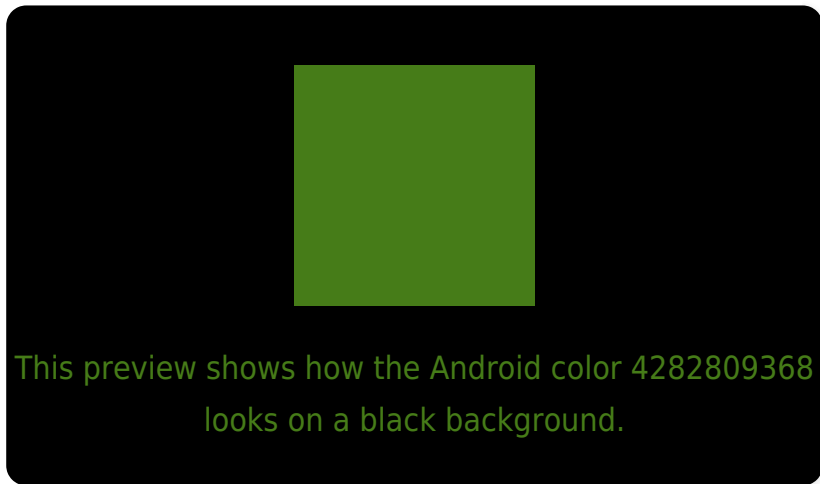
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282809368 Background



This preview shows how black text looks on a background with the Android color 4282809368.



This preview shows how white text looks on a background with the Android color 4282809368.

# 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**

[4282809368](#)

**Protanopia**

[4286344724](#)

**Deuteranopia**

[4287260962](#)



# Trichromacy



**Original Color**  
4282809368

**Protanomaly**  
4285035285

**Deuteranomaly**  
4285624350

**Tritanomaly**  
4283397720

# Monochromacy



**Original Color**  
4282809368

**Achromatopsia**  
4284506208

**Achromatomaly**  
4283918918

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282809368 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, 124, 24)` looks like.

```
.text, #text, p{  
    color:rgb(70, 124, 24)  
}
```

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, 124, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 124, 24) }
```

## Border

The CSS property to change the border of an element to Android 4282809368 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, 124, 24) }
```

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

```
.border{ border-color:rgb(70, 124, 24) }
```

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

Here you see how a box with a 4 pixel rgb(70, 124, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 124, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 124, 24);  
box-shadow:4px 4px 4px 4px rgb(70, 124,  
24) }
```

# Background

The CSS property to change the background color of an element to Android 4282809368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 124, 24) }
```

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

```
.background{ background-color: rgb(70, 124,  
24) }
```

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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