

# Converting Colors

Android(4288458046)

Have a look what the booklet for  
Android(4288458046) contains.

<b>Android(4288458046)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4288458046)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CAD3E
RGB	156, 173, 62
RGB Percent	61%, 68%, 24%
CMY	0.3882, 0.3216, 0.7569
CMYK	0.10, 0.00, 0.64, 0.32
HSL	69°, 47%, 46%
HSV	69°, 64%, 68%
XYZ	29.5234, 37.3029, 10.2016
YIQ	155.2630, 25.4990, -38.1250

# Conversions

## Conversions Part 2

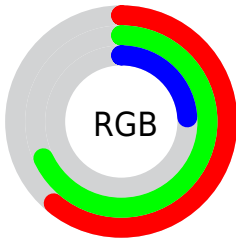
Format	Color
<a href="#">RYB</a>	<a href="#">62, 173, 79</a>
Decimal	<a href="#">10267966</a>
CIELab	<a href="#">67.50, -21.31, 53.13</a>
CIELCh	<a href="#">68, 57.248, 111.853</a>
Yxy	<a href="#">37.3029, 0.3833, 0.4843</a>
Android (android.graphics.Color)	<a href="#">4288458046 (0xFF9CAD3E)</a>
YUV	<a href="#">155.2630, -45.9787, 0.6463</a>
Hunter-Lab	<a href="#">61.0761, -20.5986, 32.8500</a>

# Details

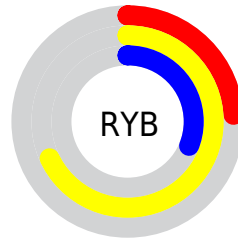
The Android color **4288458046** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4283383469**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4292207731**, and **4284905728** is the 20% darker color. If you saturate the color by 10%, you get **4288261421**, and if you desaturate by 10%, it is **4288654671**.

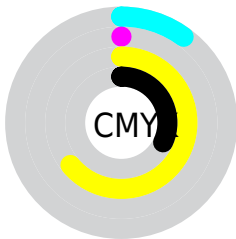
# Distribution



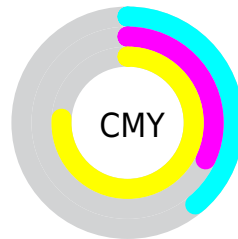
- Red (61%)
- Green (68%)
- Blue (24%)



- Red (24%)
- Yellow (68%)
- Blue (31%)



- Cyan (10%)
- Magenta (0%)
- Yellow (64%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288458046 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 4288458046 by changing the saturation by 10% instead.





4288458046



4288458046

4294967295



4286681634



4292207731



4284905728



4294115214



4283129856



4294967209



4281485312



4294967237



4279775744



4294967266



4278197760



4278190080



4288458046



4288458046



4288261421



4288654671

■ 4288130331

■ 4288785761

■ 4287933706

■ 4288982386

■ 4287868160

■ 4289179011

■ 4289310101

■ 4289506726

■ 4289703351

■ 4289834440

■ 4290031066

# Harmonies

## Analogous

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



4291665209



4288458046



4284332130

# Triad

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



4288458046



4278237685



4294736053

# Complementary

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



4288458046



4283383469

# 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.



4292249573



4288458046



4278234879

# Square

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



4288458046



4278238921



4287536383



4294932865

# Rectangle

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



4288458046



4278238338



4287536383



4294081478



# Sweetspot

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



4288458046



4292534454



4289548094



4285296726



4293980400



4285558896



# Same Dimension

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



4288458046



4291223604



4284853566



4283782990



4286551552



4279441152



# Inverse Universe

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



4283383469



4283315424



4286987949



4283387479



4279697558



4278452247



# Previews

## White Background



This preview shows how the Android color 4288458046 looks on a white background.

## Color Contrast Check

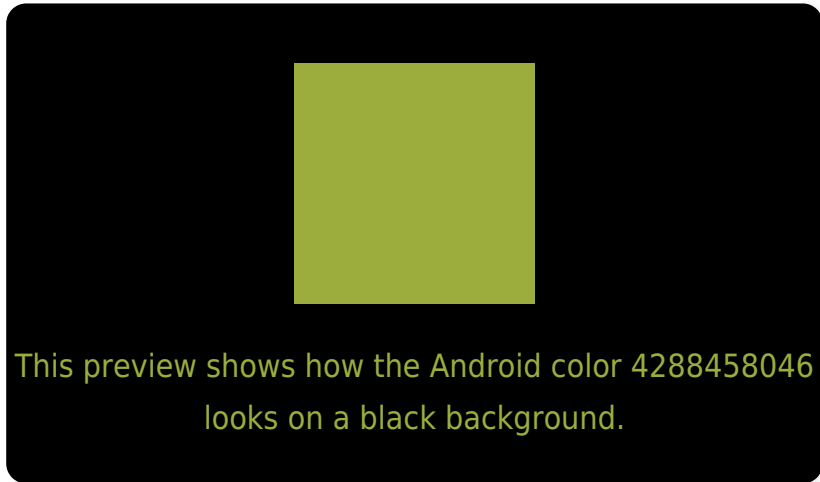
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288458046 Background



This preview shows how black text looks on a background with the Android color 4288458046.



This preview shows how white text looks on a background with the Android color 4288458046.

# 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**  
4288458046

**Protanopia**  
4290225212

**Deuteranopia**  
4291599427



**Tritanopia**  
4289241775

# Trichromacy



**Original Color**  
4288458046

**Protanomaly**  
4289570621

**Deuteranomaly**  
4290486849

**Tritanomaly**  
4288980614

# Monochromacy



**Original Color**  
4288458046

**Achromatopsia**  
4288387995

**Achromatomaly**  
4288389753

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288458046 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(156, 173, 62)` looks like.

```
.text, #text, p{  
    color:rgb(156, 173, 62)  
}
```

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(156, 173, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 173, 62) }
```

## Border

The CSS property to change the border of an element to Android 4288458046 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(156, 173, 62) }
```

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

```
.border{ border-color:rgb(156, 173, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 173, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 173, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 173, 62);  
box-shadow:4px 4px 4px 4px rgb(156, 173,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4288458046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 173, 62) }
```

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

```
.background{ background-color: rgb(156,  
173, 62) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor