

# Converting Colors

Android(4288641536)

Have a look what the booklet for  
Android(4288641536) contains.

<b>Android(4288641536)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4288641536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F7A00
RGB	159, 122, 0
RGB Percent	62%, 48%, 0%
CMY	0.3765, 0.5216, 1.0000
CMYK	0.00, 0.23, 1.00, 0.38
HSL	46°, 100%, 31%
HSV	46°, 100%, 62%
XYZ	21.2576, 21.2900, 2.9890
YIQ	119.1550, 61.2140, -30.0980

# Conversions

## Conversions Part 2

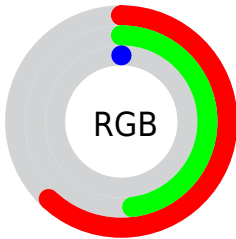
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">48, 159, 0</a>
Decimal	<a href="#">10451456</a>
CIELab	<a href="#">53.27, 4.94, 59.09</a>
CIELCh	<a href="#">53, 59.297, 85.217</a>
Yxy	<a href="#">21.2900, 0.4668, 0.4675</a>
Android (android.graphics.Color)	<a href="#">4288641536 (0xFF9F7A00)</a>
YUV	<a href="#">119.1550, -58.7434, 34.9441</a>
Hunter-Lab	<a href="#">46.1411, 1.4896, 28.4580</a>

# Details

The Android color **4288641536** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4278199711**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4292521538**, and **4284959232** is the 20% darker color. If you saturate the color by 10%, you get **4288641536**, and if you desaturate by 10%, it is **4288642576**.

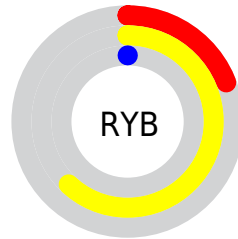
# Distribution



Red (62%)

Green (48%)

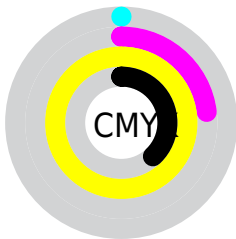
Blue (0%)



Red (19%)

Yellow (62%)

Blue (0%)

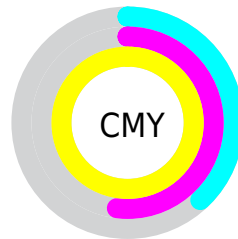


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288641536 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 4288641536 by changing the saturation by 10% instead.





4288641536



4288641536

4294967295



4286734592



4292521538



4284959232



4294494557



4283118592



4294960503



4281409280



4294967187



4279830528



4294967214



4278190080



4294967243



4294967271



4288641536

 4288642576

 4288643360

 4288644400

 4288645440

 4288646480

 4288647263

 4288648303

 4288649343

 4288650127

# Harmonies

## Analogous

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



4291061034



4288641536



4285434130

# Triad

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



4288641536



4278228905



4290076346

# Complementary

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



4288641536



4278199711

# 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.



4285494748



4288641536



4278227667

# Square

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



4288641536



4278228597



4278225125



4292234378

# Rectangle

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



4288641536



4282617905



4278225125



4288833224



# Sweetspot

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



4288641536



4291805329



4288610341



4285096003



4293454056



4285098345



# Same Dimension

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



4288641536



4291796480



4285898496



4283387207



4287589888



4279176192



# Inverse Universe

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



4278199711



4278202575



4280942751



4282861903



4278198671

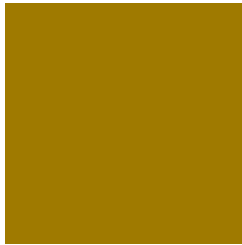


4278191119



# Previews

## White Background



This preview shows how the Android color 4288641536 looks on a white background.

## Color Contrast Check

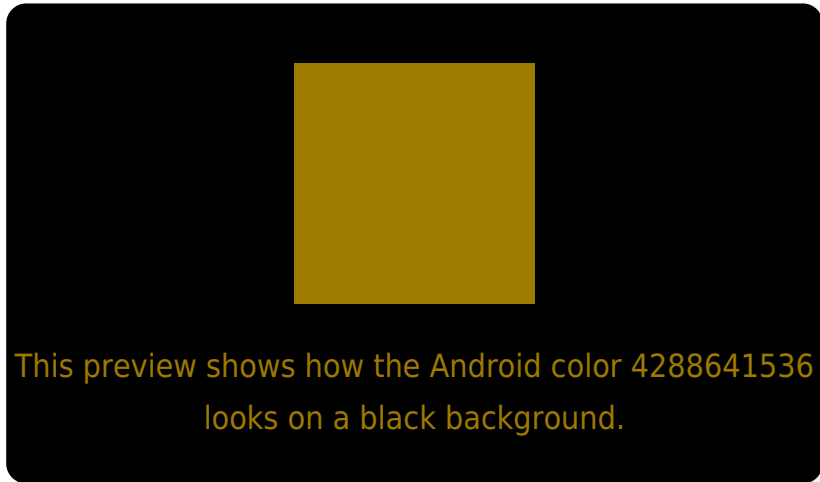
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4288641536 Background



This preview shows how black text looks on a background with the Android color 4288641536.

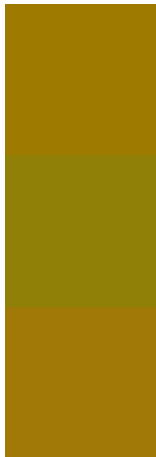


This preview shows how white text looks on a background with the Android color 4288641536.

# 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**  
4288641536

**Protanopia**  
4287660040

**Deuteranopia**  
4288772359



# Trichromacy



**Original Color**  
4288641536

**Protanomaly**  
4287987205

**Deuteranomaly**  
4288706820

**Tritanomaly**  
4288902222

# Monochromacy



**Original Color**  
4288641536

**Achromatopsia**  
4286019447

**Achromatomaly**  
4287002700

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288641536 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(159, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(159, 122, 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(159, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 122, 0) }
```

## Border

The CSS property to change the border of an element to Android 4288641536 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(159, 122, 0) }
```

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

```
.border{ border-color:rgb(159, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(159, 122,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4288641536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 122, 0) }
```

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

```
.background{ background-color: rgb(159,  
122, 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](#).



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