

# Converting Colors

Android(4287076608)

Have a look what the booklet for  
Android(4287076608) contains.

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**Color**

**Android(4287076608)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	879900
RGB	135, 153, 0
RGB Percent	53%, 60%, 0%
CMY	0.4706, 0.4000, 1.0000
CMYK	0.12, 0.00, 1.00, 0.40
HSL	67°, 100%, 30%
HSV	67°, 100%, 60%
XYZ	21.3829, 27.9334, 4.2647
YIQ	130.1760, 38.3850, -51.3990

# Conversions

## Conversions Part 2

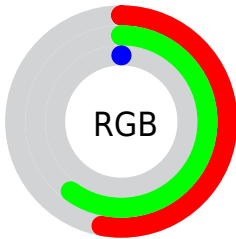
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 18
Decimal	8886528
CIELab	59.83, -22.75, 62.82
CIELCh	60, 66.810, 109.908
Yxy	27.9334, 0.3991, 0.5213
Android (android.graphics.Color)	4287076608 (0xFF879900)
YUV	130.1760, -64.1768, 4.2306
Hunter-Lab	52.8520, -20.2734, 32.2122

# Details

The Android color `4287076608` is a dark color, and the websafe version is hex `999900`. A complement of this color would be `4279369881`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4290826056`, and `4283524608` is the 20% darker color. If you saturate the color by 10%, you get `4287076608`, and if you desaturate by 10%, it is `4287207695`.

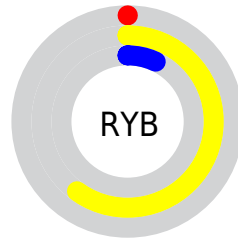
# Distribution



Red (53%)

Green (60%)

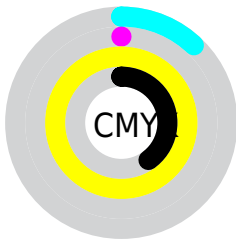
Blue (0%)



Red (0%)

Yellow (60%)

Blue (7%)

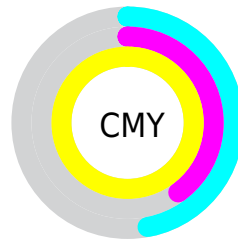


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (47%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287076608 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 4287076608 by changing the saturation by 10% instead.





4287076608



4287076608

4294967295



4285234944



4290826056



4283524608



4292733795



4281748992



4294705023



4279973632



4294967195



4278198784



4294967223



4278190080



4294967251



4294967281



4287076608

 4287207695

 4287338783

 4287404334

 4287535421

 4287666509

 4287797596

 4287928683

 4287994234

 4288125322

# Harmonies

## Analogous

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



4290610688



4287076608



4281967679

# Triad

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



4287076608



4278233321



4293875623

# Complementary

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



4287076608



4279369881

# 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.



4290997981



4287076608



4278230527

# Square

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



4287076608



4278234039



4284844543



4294530924

# Rectangle

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



4287076608



4278233445



4284844543



4293221818



# Sweetspot

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



4287076608



4290824075



4288221696



4284441408



4293125091



4284703587



# Same Dimension

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



4287076608



4289775360



4282095872



4283190597



4286352384



4278914304



# Inverse Universe

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



4279369881



4279697607



4284350617



4282795341



4279238796



4278255629



# Previews

## White Background



This preview shows how the Android color 4287076608 looks on a white background.

## Color Contrast Check

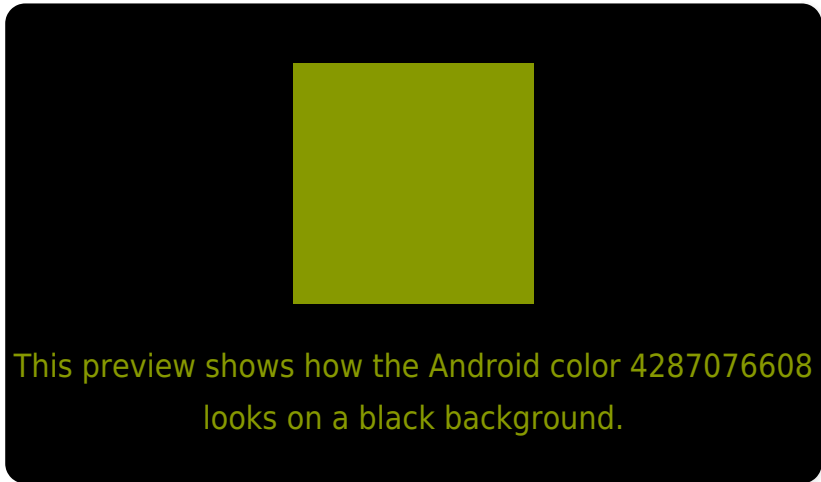
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287076608 Background



This preview shows how black text looks on a background with the Android color 4287076608.



This preview shows how white text looks on a background with the Android color 4287076608.

# 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**

4287076608

**Protanopia**

4288843776

**Deuteranopia**

4290152730



# Trichromacy



**Original Color**  
4287076608

**Protanomaly**  
4288189184

**Deuteranomaly**  
4289040145

**Tritanomaly**  
4287599201

# Monochromacy



**Original Color**  
4287076608

**Achromatopsia**  
4286743170

**Achromatomaly**  
4286876243

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287076608 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(135, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(135, 153, 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(135, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 153, 0) }
```

## Border

The CSS property to change the border of an element to Android 4287076608 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(135, 153, 0) }
```

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

```
.border{ border-color:rgb(135, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(135, 153,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4287076608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 153, 0) }
```

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

```
.background{ background-color: rgb(135,  
153, 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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