

# Converting Colors

Android(4286232576)

Have a look what the booklet for  
Android(4286232576) contains.

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**Color**

**Android(4286232576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AB800
RGB	122, 184, 0
RGB Percent	48%, 72%, 0%
CMY	0.5216, 0.2784, 1.0000
CMYK	0.34, 0.00, 1.00, 0.28
HSL	80°, 100%, 36%
HSV	80°, 100%, 72%
XYZ	25.1665, 38.4186, 6.0891
YIQ	144.4860, 22.1120, -70.3680

# Conversions

## Conversions Part 2

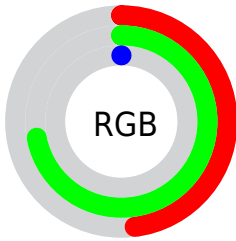
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 184, 62
Decimal	8042496
CIELab	68.33, -42.41, 68.91
CIELCh	68, 80.917, 121.612
Yxy	38.4186, 0.3612, 0.5514
Android (android.graphics.Color)	4286232576 (0xFF7AB800)
YUV	144.4860, -71.2316, -19.7202
Hunter-Lab	61.9827, -35.9943, 37.5633

# Details

The Android color **4286232576** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4282253496**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4290048078**, and **4282417664** is the 20% darker color. If you saturate the color by 10%, you get **4286232576**, and if you desaturate by 10%, it is **4286625810**.

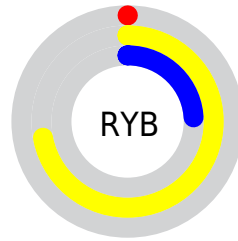
# Distribution



Red (48%)

Green (72%)

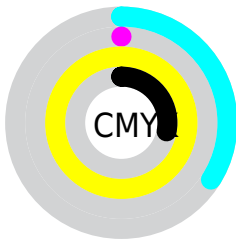
Blue (0%)



Red (0%)

Yellow (72%)

Blue (24%)

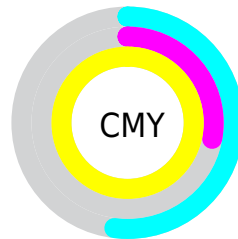


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (52%)

Magenta (28%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286232576 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 4286232576 by changing the saturation by 10% instead.



 4286232576

 4286232576

4294967295

 4284390656

 4290048078

 4282417664

 4291952491

 4280445184

 4293918599

 4278210560

 4294967203

 4278204416

 4294967232

 4278199296

 4294967261

 4278190080

 4294967291

 4286232576

 4286625810

 4287019045

 4287477815

 4287871050

 4288264284

 4288657518

 4289050753

 4289509523

 4289902758

# Harmonies

## Analogous

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



4291077376



4286232576



4278240092

# Triad

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



4286232576



4278239487



4294923686

# Complementary

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



4286232576



4282253496

# 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.



4294929645



4286232576



4278234879

# Square

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



4286232576



4278241266



4289237503



4294927710

# Rectangle

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



4286232576



4278240911



4289237503



4294924734

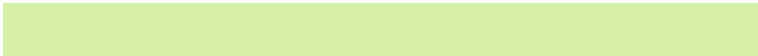


# Sweetspot

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



4286232576



4292341928



4290264320



4285102157



4294440951



4286085240



# Same Dimension

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



4286232576



4288671744



4280268800



4284046419



4284980224



4279442432



# Inverse Universe

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



4282253496



4283498736



4288217272



4283847516



4281598108



4278779932



# Previews

## White Background



This preview shows how the Android color 4286232576 looks on a white background.

## Color Contrast Check

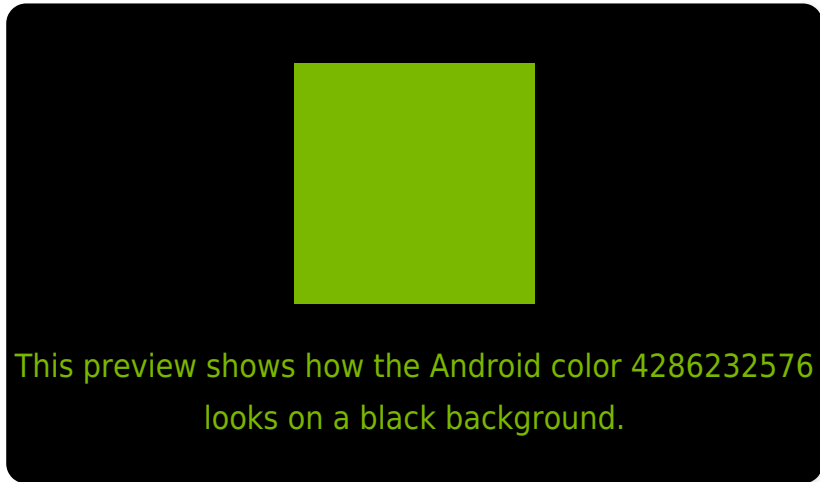
Large Text (above 18pt) WCAG AA × Fail

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 4286232576 Background



This preview shows how black text looks on a background with the Android color 4286232576.



This preview shows how white text looks on a background with the Android color 4286232576.

# 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





# Trichromacy



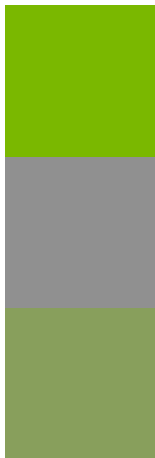
**Original Color**  
4286232576

**Protanomaly**  
4288916736

**Deuteranomaly**  
4289832726

**Tritanomaly**  
4287017078

# Monochromacy



**Original Color**  
4286232576

**Achromatopsia**  
4287664272

**Achromatomaly**  
4287143772

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286232576 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(122, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 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(122, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 0) }
```

## Border

The CSS property to change the border of an element to Android 4286232576 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(122, 184, 0) }
```

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

```
.border{ border-color:rgb(122, 184, 0) }
```

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

Here you see how a box with a 4 pixel rgb(122, 184, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 184,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4286232576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 0) }
```

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

```
.background{ background-color: rgb(122,  
184, 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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