

Converting Colors

Android(4287870006)

Have a look what the booklet for
Android(4287870006) contains.

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Color

Android(4287870006)

Conversions

Conversions Part 1

Format	Color
Hex	93B436
RGB	147, 180, 54
RGB Percent	58%, 71%, 21%
CMY	0.4235, 0.2941, 0.7882
CMYK	0.18, 0.00, 0.70, 0.29
HSL	76°, 54%, 46%
HSV	76°, 70%, 71%
XYZ	29.0197, 39.1119, 9.5099
YIQ	155.7690, 20.7780, -46.1820

Conversions

Conversions Part 2

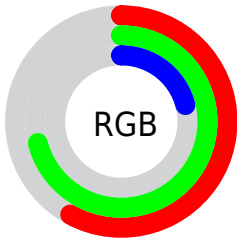
Format	Color
RYB	54, 180, 87
Decimal	9679926
CIELab	68.83, -28.97, 57.53
CIELCh	69, 64.410, 116.732
Yxy	39.1119, 0.3738, 0.5037
Android (android.graphics.Color)	4287870006 (0xFF93B436)
YUV	155.7690, -50.1721, -7.6904
Hunter-Lab	62.5395, -26.6161, 34.7619

Details

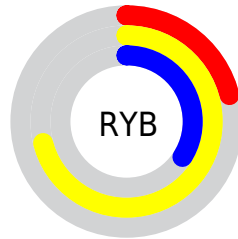
The Android color **4287870006** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4283905716**, and the grayscale version is **4288453788**.

A 20% lighter version of the original color is **4291619948**, and **4284251904** is the 20% darker color. If you saturate the color by 10%, you get **4287542308**, and if you desaturate by 10%, it is **4288197704**.

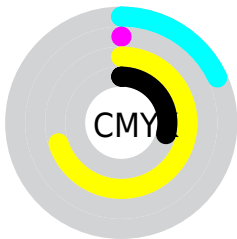
Distribution



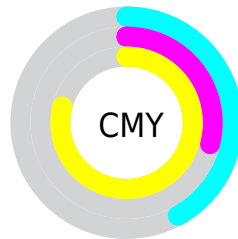
- Red (58%)
- Green (71%)
- Blue (21%)



- Red (21%)
- Yellow (71%)
- Blue (34%)



- Cyan (18%)
- Magenta (0%)
- Yellow (70%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287870006 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 4287870006 by changing the saturation by 10% instead.



4287870006



4287870006

4294967295



4286028055



4291619948



4284251904



4293525383



4282541568



4294967203



4280765952



4294967231



4278662912



4294967260



4278198784



4294967289



4278190080



4287870006



4287870006



4287542308



4288197704

■ 4287280146

■ 4288459866

■ 4286952448

■ 4288787564

■ 4289115262

■ 4289442960

■ 4289705122

■ 4290032820

■ 4290360518

■ 4290622680

Harmonies

Analogous

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



4291601191



4287870006



4282498917

Triad

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



4287870006



4278238975



4294931121

Complementary

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



4287870006



4283905716

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.



4293493481



4287870006



4278235647

Square

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



4287870006



4278240219



4288519167



4294932343

Rectangle

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



4287870006



4278239883



4288519167



4294931908

Sweetspot

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



4287870006



4292799417



4290008630



4285429080



4294309365



4285887861

Same Dimension

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



4287870006



4290243366



4283872310



4283914576



4285634816



4279441920

Inverse Universe

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



4283905716



4284032747



4287968948



4283650137



4280811673



4278648858

Previews

White Background



This preview shows how the Android color 4287870006 looks on a white background.

Color Contrast Check

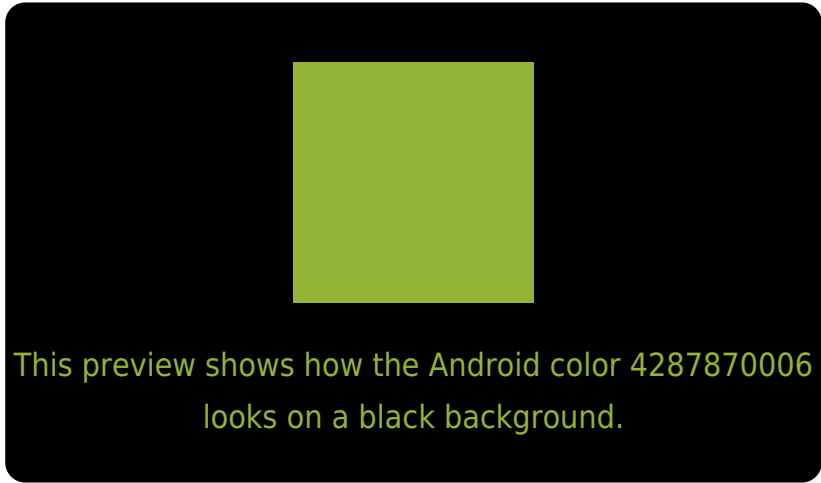
Large Text (above 18pt) WCAG AA × Fail

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 4287870006 Background



This preview shows how black text looks on a background with the Android color 4287870006.



This preview shows how white text looks on a background with the Android color 4287870006.

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
4287870006

Protanopia
4290553907

Deuteranopia
4291927870

Trichromacy



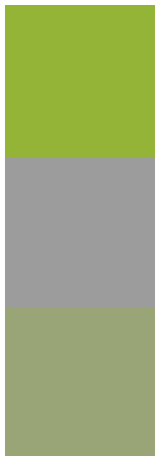
Original Color
4287870006

Protanomaly
4289571892

Deuteranomaly
4290422587

Tritanomaly
4288457863

Monochromacy



Original Color
4287870006

Achromatopsia
4288453788

Achromatomaly
4288259447

CSS Examples

Text

The CSS property to change the color of the text to Android 4287870006 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(147, 180, 54)` looks like.

```
.text, #text, p{  
    color:rgb(147, 180, 54)  
}
```

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(147, 180, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 180, 54) }
```

Border

The CSS property to change the border of an element to Android 4287870006 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(147, 180, 54) }
```

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

```
.border{ border-color:rgb(147, 180, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 180, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 180, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 180, 54);  
box-shadow:4px 4px 4px 4px rgb(147, 180,  
54) }
```

Background

The CSS property to change the background color of an element to Android 4287870006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 180, 54) }
```

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

```
.background{ background-color: rgb(147,  
180, 54) }
```

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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