

Converting Colors

Android(4287086406)

Have a look what the booklet for
Android(4287086406) contains.

Android(4287086406)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287086406)

Conversions

Conversions Part 1

Format	Color
Hex	87BF46
RGB	135, 191, 70
RGB Percent	53%, 75%, 27%
CMY	0.4706, 0.2510, 0.7255
CMYK	0.29, 0.00, 0.63, 0.25
HSL	88°, 49%, 51%
HSV	88°, 63%, 75%
XYZ	29.7280, 42.8547, 12.4993
YIQ	160.4620, 5.4650, -49.5030

Conversions

Conversions Part 2

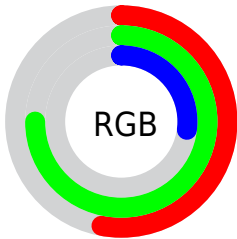
Format	Color
RYB	70, 191, 126
Decimal	8896326
CIELab	71.46, -37.57, 53.59
CIELCh	71, 65.442, 125.033
Yxy	42.8547, 0.3494, 0.5037
Android (android.graphics.Color)	4287086406 (0xFF87BF46)
YUV	160.4620, -44.5978, -22.3302
Hunter-Lab	65.4635, -33.5016, 34.5039

Details

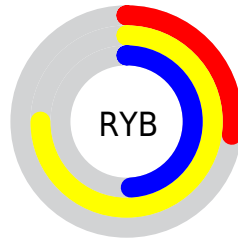
The Android color **4287086406** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **4286465727**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4290771067**, and **4283468039** is the 20% darker color. If you saturate the color by 10%, you get **4286496563**, and if you desaturate by 10%, it is **4287676249**.

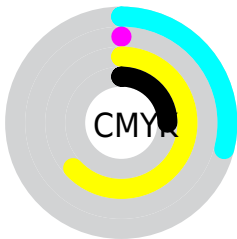
Distribution



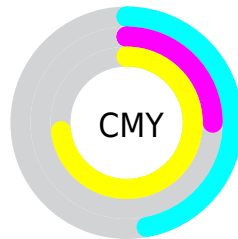
- Red (53%)
- Green (75%)
- Blue (27%)



- Red (27%)
- Yellow (75%)
- Blue (49%)



- Cyan (29%)
- Magenta (0%)
- Yellow (63%)
- Black (25%)



- Cyan (47%)
- Magenta (25%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287086406 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 4287086406 by changing the saturation by 10% instead.



4287086406



4287086406

4294967295



4285309995



4290771067



4283468039



4292673430



4281691904



4294639538



4279784960



4294967246



4278206208



4294967275



4278200576



4278192640



4278190080



4287086406



4287086406

■ 4286496563

■ 4287676249

■ 4285906720

■ 4288266092

■ 4285316877

■ 4288855935

■ 4284989184

■ 4289380242

■ 4289970086

■ 4290559929

■ 4291149772

■ 4291739615

■ 4292329458

Harmonies

Analogous

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



4291145515



4287086406



4279093370

Triad

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



4287086406



4278239999



4294932391

Complementary

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



4287086406



4286465727

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.



4294935267



4287086406



4281840383

Square

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



4287086406



4278242034



4290681855



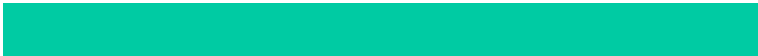
4294935150

Rectangle

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



4287086406



4278242211



4290681855



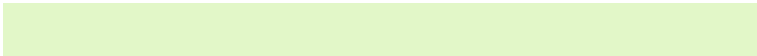
4294932668

Sweetspot

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



4287086406



4293064648



4290739270



4285562208



4294769916



4286414205

Same Dimension

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



4287086406



4288739131



4283219782



4284112469



4283801088



4279246592

Inverse Universe

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



4286465727



4287773687



4290332351



4284044638



4282974366



4279107615

Previews

White Background



This preview shows how the Android color 4287086406 looks on a white background.

Color Contrast Check

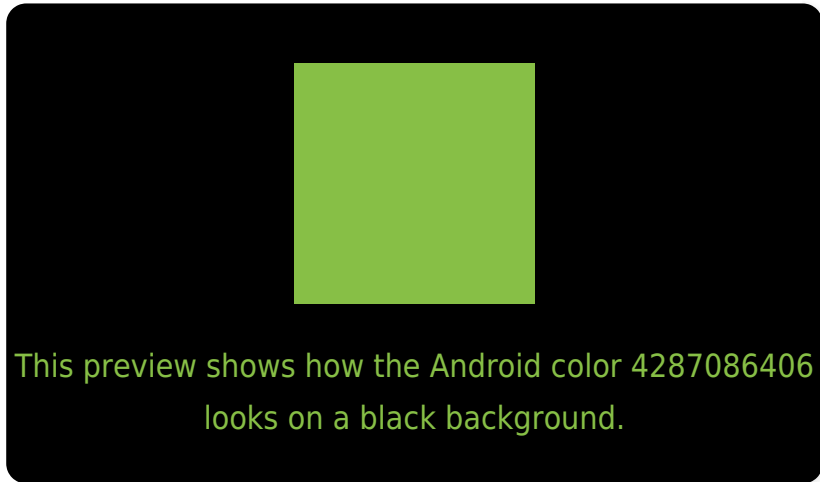
Large Text (above 18pt) WCAG AA × Fail

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 4287086406 Background



This preview shows how black text looks on a background with the Android color 4287086406.

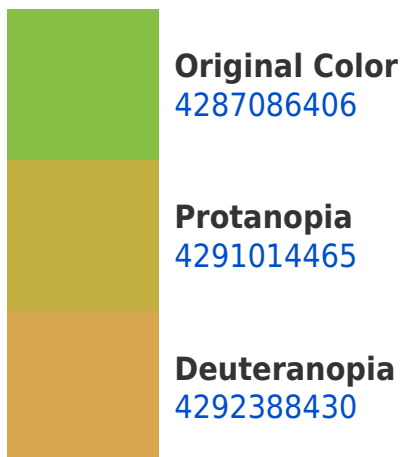


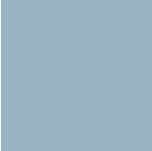
This preview shows how white text looks on a background with the Android color 4287086406.

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





Tritanopia
4288197569

Trichromacy



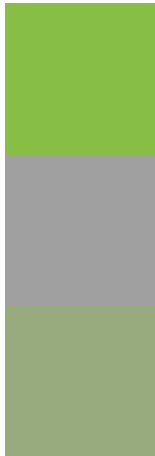
Original Color
4287086406

Protanomaly
4289574211

Deuteranomaly
4290490187

Tritanomaly
4287805332

Monochromacy



Original Color
4287086406

Achromatopsia
4288716960

Achromatomaly
4288129919

CSS Examples

Text

The CSS property to change the color of the text to Android 4287086406 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, 191, 70)` looks like.

```
.text, #text, p{  
    color:rgb(135, 191, 70)  
}
```

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, 191, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 191, 70) }
```

Border

The CSS property to change the border of an element to Android 4287086406 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, 191, 70) }
```

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

```
.border{ border-color:rgb(135, 191, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 191, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 191, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 191, 70);  
box-shadow:4px 4px 4px 4px rgb(135, 191,  
70) }
```

Background

The CSS property to change the background color of an element to Android 4287086406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 191, 70) }
```

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

```
.background{ background-color: rgb(135,  
191, 70) }
```

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