

# Converting Colors

Android(4286048906)

Have a look what the booklet for  
Android(4286048906) contains.

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# **Color**

**Android(4286048906)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77EA8A
RGB	119, 234, 138
RGB Percent	47%, 92%, 54%
CMY	0.5333, 0.0824, 0.4588
CMYK	0.49, 0.00, 0.41, 0.08
HSL	130°, 73%, 69%
HSV	130°, 49%, 92%
XYZ	41.6180, 64.6026, 34.3208
YIQ	188.6710, -37.7240, -54.2360

# Conversions

## Conversions Part 2

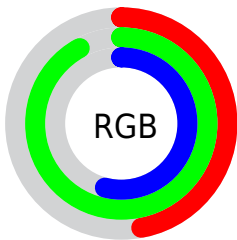
Format	Color
<a href="#">RYB</a>	<a href="#">119, 218, 234</a>
Decimal	<a href="#">7858826</a>
CIELab	<a href="#">84.28, -52.56, 36.78</a>
CIElCh	<a href="#">84, 64.148, 145.013</a>
Yxy	<a href="#">64.6026, 0.2961, 0.4597</a>
Android (android.graphics.Color)	<a href="#">4286048906</a> ( <a href="#">0xFF77EA8A</a> )
YUV	<a href="#">188.6710, -24.9808, -61.1015</a>
Hunter-Lab	<a href="#">80.3757, -48.2314, 30.9459</a>

# Details

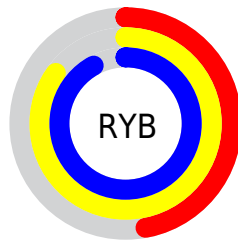
The Android color **4286048906** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **4293556183**, and the grayscale version is **4290624957**.

A 20% lighter version of the original color is **4289855424**, and **4282036566** is the 20% darker color. If you saturate the color by 10%, you get **4284541558**, and if you desaturate by 10%, it is **4287556254**.

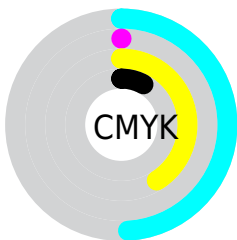
# Distribution



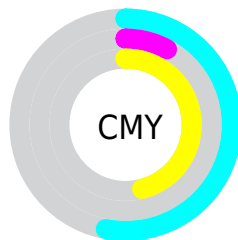
- Red (47%)
- Green (92%)
- Blue (54%)



- Red (47%)
- Yellow (85%)
- Blue (92%)



- Cyan (49%)
- Magenta (0%)
- Yellow (41%)
- Black (8%)



- Cyan (53%)
- Magenta (8%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286048906 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 4286048906 by changing the saturation by 10% instead.



 4286048906


 4286048906

4294967295

 4284075376

 4289855424

 4282036566

 4291821533

 4279080510

 4293722105

 4278221605

 4278215178

 4278208512

 4278202624

 4278196224

 4278190080

 4286048906

 4286048906

 4284541558

 4287556254

 4282968675

 4289129137

 4281461327

 4290636485

 4279888444

 4292209368

 4278381096

 4293716716

 4278250023

 4294961919

# Harmonies

## Analogous

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



4291026527



4286048906



4278251718

# Triad

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



4286048906



4280737023



4294943394

# Complementary

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



4286048906



4293556183

# 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.



4294942431



4286048906



4291151615

# Square

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



4286048906



4278250239



4294946559



4294948208

# Rectangle

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



4286048906



4278252016



4294946559



4294942390

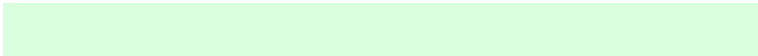


# Sweetspot

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



4286048906



4292476895



4292471415



4285104236



4278190080



4286611584



# Same Dimension

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



4286048906



4285136769



4286048962



4285166956



4278236446



4278203913



# Inverse Universe

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



4293556183



4294928870



4293556127



4285885043



4290052247



4281729069



# Previews

## White Background



This preview shows how the Android color 4286048906 looks on a white background.

## Color Contrast Check

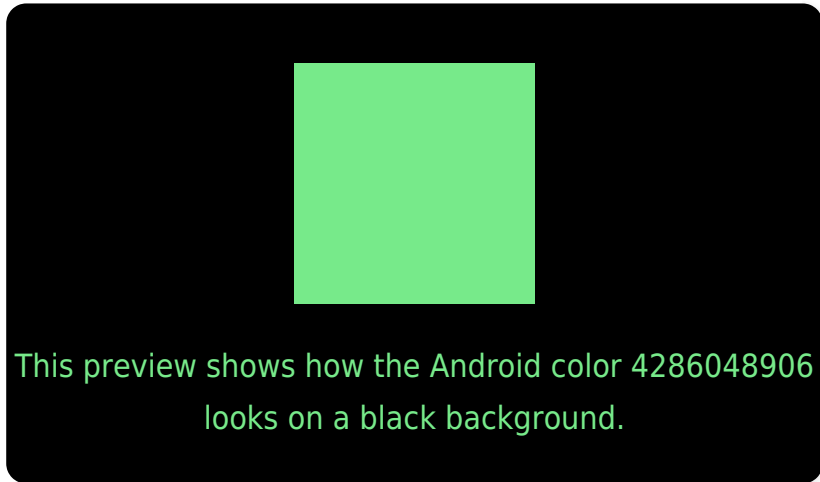
Large Text (above 18pt) WCAG AA × Fail

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

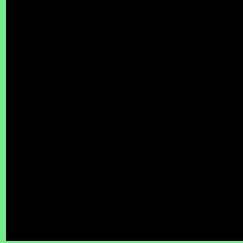
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4286048906 Background



This preview shows how black text looks on a background with the Android color 4286048906.

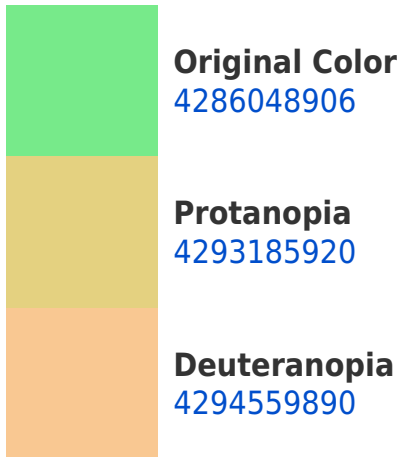


This preview shows how white text looks on a background with the Android color 4286048906.

# 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



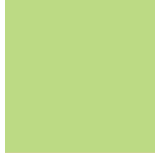


# Trichromacy



**Original Color**

4286048906



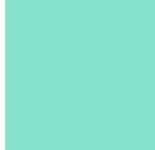
**Protanomaly**

4290566788



**Deuteranomaly**

4291482767



**Tritanomaly**

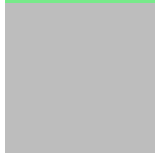
4287029963

# Monochromacy



**Original Color**

4286048906



**Achromatopsia**

4290624957



**Achromatomaly**

4288990634

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286048906 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(119, 234, 138)` looks like.

```
.text, #text, p{  
    color:rgb(119, 234, 138)  
}
```

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(119, 234, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 234, 138) }
```

## Border

The CSS property to change the border of an element to Android 4286048906 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(119, 234, 138) }
```

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

```
.border{ border-color:rgb(119, 234, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 234, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 234, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 234, 138);  
box-shadow:4px 4px 4px 4px rgb(119, 234,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4286048906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 234, 138) }
```

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

```
.background{ background-color: rgb(119,  
234, 138) }
```

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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