

# Converting Colors

Android(4286872277)

Have a look what the booklet for  
Android(4286872277) contains.

<b>Android(4286872277)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4286872277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	847AD5
RGB	132, 122, 213
RGB Percent	52%, 48%, 84%
CMY	0.4824, 0.5216, 0.1647
CMYK	0.38, 0.43, 0.00, 0.16
HSL	247°, 52%, 66%
HSV	247°, 43%, 84%
XYZ	28.4855, 23.6287, 66.0102
YIQ	135.3640, -23.2510, 30.4210

# Conversions

## Conversions Part 2

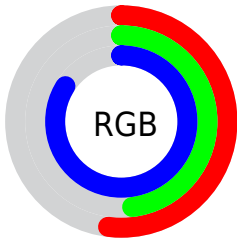
Format	Color
<a href="#">RYB</a>	<a href="#">132, 122, 213</a>
Decimal	<a href="#">8682197</a>
CIELab	<a href="#">55.71, 25.49, -45.63</a>
CIElCh	<a href="#">56, 52.264, 299.193</a>
Yxy	<a href="#">23.6287, 0.2411, 0.2000</a>
Android (android.graphics.Color)	<a href="#">4286872277 (0xFF847AD5)</a>
YUV	<a href="#">135.3640, 38.2745, -2.9502</a>
Hunter-Lab	<a href="#">48.6094, 19.5361, -46.4877</a>

# Details

The Android color `4286872277` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4291548538`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4290555647`, and `4283320734` is the 20% darker color. If you saturate the color by 10%, you get `4285621717`, and if you desaturate by 10%, it is `4288122837`.

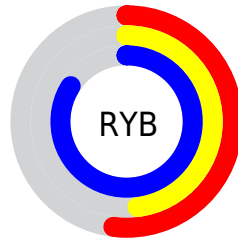
# Distribution



Red (52%)

Green (48%)

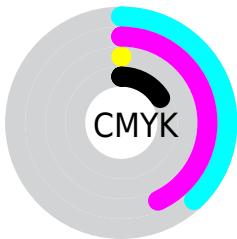
Blue (84%)



Red (52%)

Yellow (48%)

Blue (84%)

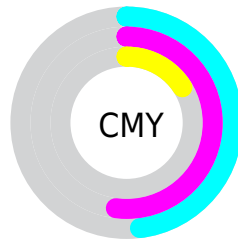


Cyan (38%)

Magenta (43%)

Yellow (0%)

Black (16%)



Cyan (48%)

Magenta (52%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286872277 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 4286872277 by changing the saturation by 10% instead.



 4286872277

 4286872277

4294967295

 4285096377

 4290555647

 4283320734

 4292463359

 4281480067

 4294371071

 4279246186

 4278192465

 4278190137

 4278190627

 4278190089

 4278190080

4286872277

4286872277

4285621717

4288122837

4284370901

4289373653

4283120341

4290624213

4281869781

4291874773

4280619221

4293125589

4279697621

4294376149

4294967253

# Harmonies

## Analogous

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



4278225888



4286872277



4290471861

# Triad

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



4286872277



4290933303



4278229891

# Complementary

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



4286872277



4291548538

# 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.



4281374805



4286872277



4288643875

# Square

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



4286872277



4292239708



4285698096



4278229936

# Rectangle

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



4286872277



4291845784



4285698096



4278229619



# Sweetspot

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



4286872277



4292992767



4286237909



4285361024



4278190080



4286611584



# Same Dimension

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



4286872277



4287331839



4289821397



4284637291



4279435435



4278517803



# Inverse Universe

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



4292180683



4294934001



4288599418



4285227114



4289396888

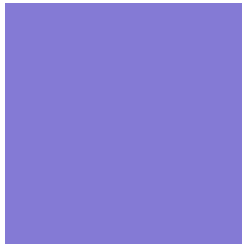


4281008167



# Previews

## White Background



This preview shows how the Android color 4286872277 looks on a white background.

## Color Contrast Check

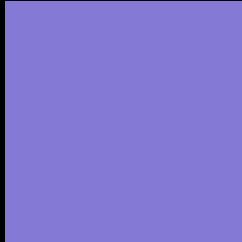
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4286872277 looks on a 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 4286872277 Background



This preview shows how black text looks on a background with the Android color 4286872277.

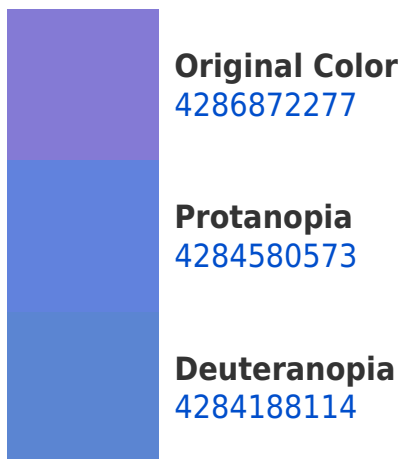


This preview shows how white text looks on a background with the Android color 4286872277.

# 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**  
4286872277

**Protanomaly**  
4285431770

**Deuteranomaly**  
4285170131

**Tritanomaly**  
4286219179

# Monochromacy



**Original Color**  
4286872277

**Achromatopsia**  
4287072135

**Achromatomaly**  
4287005347

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286872277 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(132, 122, 213)` looks like.

```
.text, #text, p{  
    color:rgb(132, 122, 213)  
}
```

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(132, 122, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 122, 213) }
```

## Border

The CSS property to change the border of an element to Android 4286872277 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(132, 122, 213) }
```

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

```
.border{ border-color:rgb(132, 122, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 122, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 122, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 122, 213);  
box-shadow:4px 4px 4px 4px rgb(132, 122,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4286872277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 122, 213) }
```

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

```
.background{ background-color: rgb(132,  
122, 213) }
```

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