

Converting Colors

Android(4287074006)

Have a look what the booklet for
Android(4287074006) contains.

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Color

Android(4287074006)

Conversions

Conversions Part 1

Format	Color
Hex	878ED6
RGB	135, 142, 214
RGB Percent	53%, 56%, 84%
CMY	0.4706, 0.4431, 0.1608
CMYK	0.37, 0.34, 0.00, 0.16
HSL	235°, 49%, 68%
HSV	235°, 37%, 84%
XYZ	31.8023, 29.3519, 67.6077
YIQ	148.1150, -27.2840, 20.9080

Conversions

Conversions Part 2

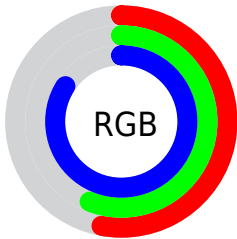
Format	Color
RYB	135, 141, 214
Decimal	8883926
CIELab	61.09, 14.83, -37.71
CIELCh	61, 40.520, 291.467
Yxy	29.3519, 0.2470, 0.2280
Android (android.graphics.Color)	4287074006 (0xFF878ED6)
YUV	148.1150, 32.4813, -11.5019
Hunter-Lab	54.1774, 9.9694, -36.0634

Details

The Android color `4287074006` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4292267911`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4290757887`, and `4283522207` is the 20% darker color. If you saturate the color by 10%, you get `4285692630`, and if you desaturate by 10%, it is `4288455382`.

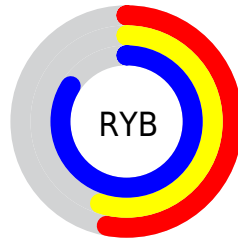
Distribution



Red (53%)

Green (56%)

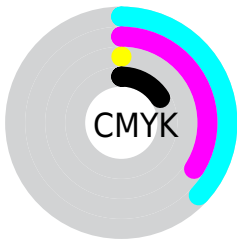
Blue (84%)



Red (53%)

Yellow (55%)

Blue (84%)

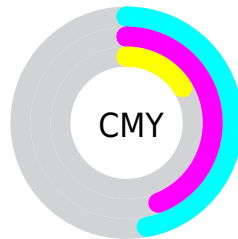


Cyan (37%)

Magenta (34%)

Yellow (0%)

Black (16%)



Cyan (47%)

Magenta (44%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287074006 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 4287074006 by changing the saturation by 10% instead.

 4287074006

 4287074006

4294967295

 4285298106

 4290757887

 4283522207

 4292599807

 4281812356

 4294507775

 4279840619

 4278196818

 4278190139

 4278190628

 4278190092

 4278190080

 4287074006

 4287074006

 4285692630

 4288455382

 4284245974

 4289902038

 4282864598

 4291283414

 4281417942

 4292730070

 4280036566

 4294111446

 4278655446

 4294967254

 4278195158

Harmonies

Analogous

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



4282489562



4287074006



4290150592

Triad

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



4287074006



4291592541



4281116040

Complementary

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



4287074006



4292267911

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.



4284916069



4287074006



4289957452

Square

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



4287074006



4292376699



4287666511



4278232748

Rectangle

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



4287074006



4291459499



4287666511



4282623099

Sweetspot

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



4287074006



4293125631



4287092430



4285493376



4278190080



4286611584

Same Dimension

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



4287074006



4287601151



4289169366



4284506475



4278194091



4278191147

Inverse Universe

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



4292249486



4294938521



4290172551



4285227105



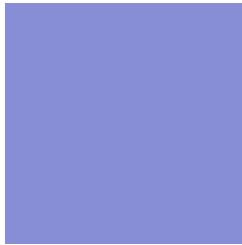
4289396751



4281008132

Previews

White Background



This preview shows how the Android color 4287074006 looks on a white background.

Color Contrast Check

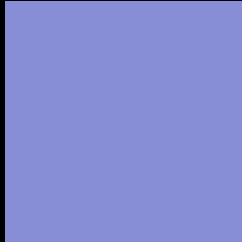
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287074006 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 4287074006 Background



This preview shows how black text looks on a background with the Android color 4287074006.



This preview shows how white text looks on a background with the Android color 4287074006.

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

4287074006

Protanopia

4286288344

Deuteranopia

4286157525

Trichromacy



Original Color
4287074006

Protanomaly
4286550231

Deuteranomaly
4286484949

Tritanomaly
4286551222

Monochromacy



Original Color
4287074006

Achromatopsia
4287927444

Achromatomaly
4287599276

CSS Examples

Text

The CSS property to change the color of the text to Android 4287074006 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, 142, 214)` looks like.

```
.text, #text, p{  
    color:rgb(135, 142, 214)  
}
```

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, 142, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 142, 214) }
```

Border

The CSS property to change the border of an element to Android 4287074006 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, 142, 214) }
```

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

```
.border{ border-color:rgb(135, 142, 214) }
```

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

Here you see how a box with a 4 pixel rgb(135, 142, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 142, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 142, 214);  
box-shadow:4px 4px 4px 4px rgb(135, 142,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4287074006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 142, 214) }
```

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

```
.background{ background-color: rgb(135,  
142, 214) }
```

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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