

# Converting Colors

Android(4286021850)

Have a look what the booklet for  
Android(4286021850) contains.

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# **Color**

**Android(4286021850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7780DA
RGB	119, 128, 218
RGB Percent	47%, 50%, 85%
CMY	0.5333, 0.4980, 0.1451
CMYK	0.45, 0.41, 0.00, 0.15
HSL	235°, 57%, 66%
HSV	235°, 45%, 85%
XYZ	27.9818, 24.4222, 69.5688
YIQ	135.5690, -34.2540, 26.0820

# Conversions

## Conversions Part 2

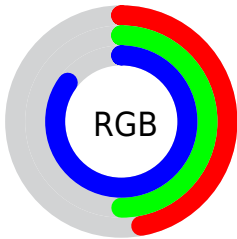
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 127, 218</a>
Decimal	<a href="#">7831770</a>
CIELab	<a href="#">56.51, 20.09, -47.24</a>
CIELCh	<a href="#">57, 51.337, 293.032</a>
Yxy	<a href="#">24.4222, 0.2294, 0.2002</a>
Android (android.graphics.Color)	<a href="#">4286021850 (0xFF7780DA)</a>
YUV	<a href="#">135.5690, 40.6385, -14.5310</a>
Hunter-Lab	<a href="#">49.4189, 14.5868, -48.8716</a>

# Details

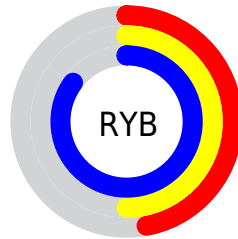
The Android color `4286021850` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4292530551`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4289705471`, and `4282273698` is the 20% darker color. If you saturate the color by 10%, you get `4284574938`, and if you desaturate by 10%, it is `4287468762`.

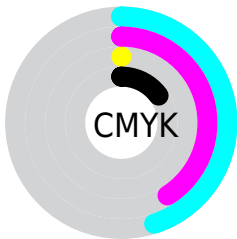
# Distribution



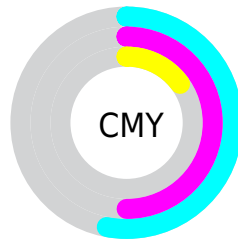
- Red (47%)
- Green (50%)
- Blue (85%)



- Red (47%)
- Yellow (50%)
- Blue (85%)



- Cyan (45%)
- Magenta (41%)
- Yellow (0%)
- Black (15%)

















- Cyan (53%)
- Magenta (50%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286021850 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 4286021850 by changing the saturation by 10% instead.



 4286021850	 4286021850
4294967295	 4284180414
 4289705471	 4282273698
 4291612927	 4280105352
 4293586175	 4278199150
	 4278194261
	 4278190653
	 4278190886
	 4278190352
	 4278190080

■ 4286021850

■ 4286021850

■ 4284574938

■ 4287468762

■ 4283128026

■ 4288915674

■ 4281746906

■ 4290296794

■ 4280299994

■ 4291743706

■ 4278853082

■ 4293190618

■ 4278195418

■ 4294637530

■ 4294967258

# Harmonies

## Analogous

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



4278227168



4286021850



4290014654

# Triad

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



4286021850



4291391553



4278230395

# Complementary

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



4286021850



4292530551

# 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.



4282816591



4286021850



4289298985

# Square

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



4286021850



4292436583



4286484271



4278230441

# Rectangle

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



4286021850



4291584931



4286484271



4278230124



# Sweetspot

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



4286021850



4292599807



4286044880



4285164672



4278190080



4286611584



# Same Dimension

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



4286021850



4285891327



4288640986



4284703854



4278194349



4278191150



# Inverse Universe

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



4292507520



4294931842



4289911415



4285424484



4289527824

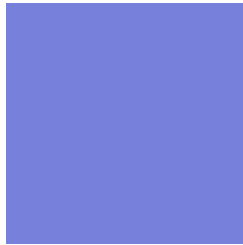


4281204740



# Previews

## White Background



This preview shows how the Android color 4286021850 looks on a white background.

## Color Contrast Check

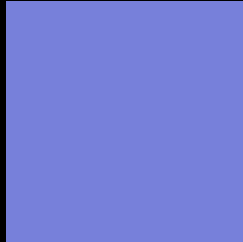
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286021850 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 4286021850 Background



This preview shows how black text looks on a background with the Android color 4286021850.



This preview shows how white text looks on a background with the Android color 4286021850.

# 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**  
4286021850

**Protanomaly**  
4285170653

**Deuteranomaly**  
4284777945

**Tritanomaly**  
4285303217

# Monochromacy



**Original Color**  
4286021850

**Achromatopsia**  
4287137928

**Achromatomaly**  
4286743974

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286021850 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, 128, 218)` looks like.

```
.text, #text, p{  
    color:rgb(119, 128, 218)  
}
```

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, 128, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 128, 218) }
```

## Border

The CSS property to change the border of an element to Android 4286021850 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, 128, 218) }
```

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

```
.border{ border-color:rgb(119, 128, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 128, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 128, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 128, 218);  
box-shadow:4px 4px 4px 4px rgb(119, 128,  
218) }
```

# Background

The CSS property to change the background color of an element to Android 4286021850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 128, 218) }
```

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

```
.background{ background-color: rgb(119,  
128, 218) }
```

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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