

# Converting Colors

Android(4286288086)

Have a look what the booklet for  
Android(4286288086) contains.

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# **Color**

**Android(4286288086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B90D6
RGB	123, 144, 214
RGB Percent	48%, 56%, 84%
CMY	0.5176, 0.4353, 0.1608
CMYK	0.43, 0.33, 0.00, 0.16
HSL	226°, 53%, 66%
HSV	226°, 43%, 84%
XYZ	30.2792, 29.0125, 67.6224
YIQ	145.7010, -34.9860, 17.3180

# Conversions

## Conversions Part 2

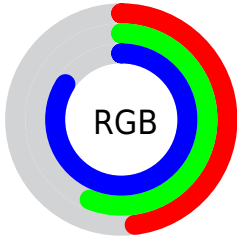
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 140, 214
Decimal	8098006
CIE <sub>Lab</sub>	60.79, 10.48, -38.24
CIE <sub>LCh</sub>	61, 39.647, 285.331
Yxy	29.0125, 0.2386, 0.2286
Android (android.graphics.Color)	4286288086 (0xFF7B90D6)
YUV	145.7010, 33.6714, -19.9088
Hunter-Lab	53.8633, 6.0831, -36.7311

# Details

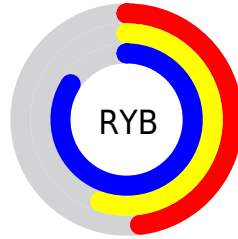
The Android color `4286288086` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4292264315`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4289971967`, and `4282670751` is the 20% darker color. If you saturate the color by 10%, you get `4284907734`, and if you desaturate by 10%, it is `4287668438`.

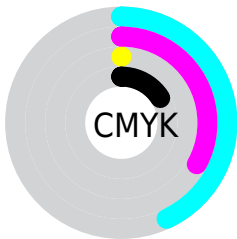
# Distribution



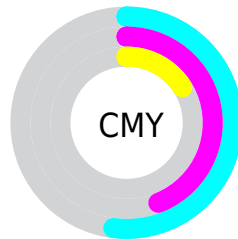
- Red (48%)
- Green (56%)
- Blue (84%)



- Red (48%)
- Yellow (55%)
- Blue (84%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (44%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286288086 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 4286288086 by changing the saturation by 10% instead.



 4286288086


 4286288086

4294967295

 4284511930

 4289971967

 4282670751

 4291814143

 4280764292

 4293721855

 4278202731

 4278197330

 4278190139

 4278190628

 4278190092

 4278190080

■ 4286288086

■ 4286288086

■ 4284907734

■ 4287668438

■ 4283461590

■ 4289114582

■ 4282081238

■ 4290494934

■ 4280635094

■ 4291941078

■ 4279254742

■ 4293321430

■ 4278202838

■ 4294702038

■ 4294967254

# Harmonies

## Analogous

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



4281441238



4286288086



4289561540

# Triad

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



4286288086



4291722850



4282229888

# Complementary

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



4286288086



4292264315

# 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.



4285570912



4286288086



4290218831

# Square

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



4286288086



4292245378



4288124493



4278232484

# Rectangle

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



4286288086



4291001265



4288124493



4283474804



# Sweetspot

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



4286288086



4292798207



4286305985



4285231232



4278190080



4286611584



# Same Dimension

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



4286288086



4286422015



4287855574



4284506987



4278200235



4278192683



# Inverse Universe

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



4292246416



4294933915



4290696827



4285227107



4289396775

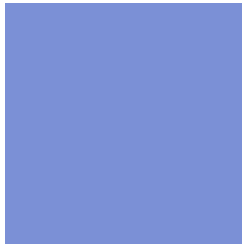


4281008138



# Previews

## White Background



This preview shows how the Android color 4286288086 looks on a white background.

## Color Contrast Check

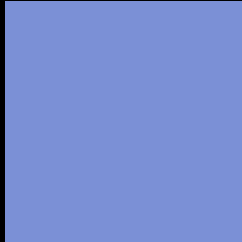
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286288086 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

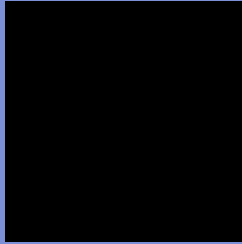
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4286288086 Background



This preview shows how black text looks on a background with the Android color 4286288086.



This preview shows how white text looks on a background with the Android color 4286288086.

# 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**

4286288086

**Protanopia**

4286288086

**Deuteranopia**

4285960662



# Trichromacy



**Original Color**

4286288086

**Protanomaly**

4286288086

**Deuteranomaly**

4286091734

**Tritanomaly**

4285765303

# Monochromacy



**Original Color**

4286288086

**Achromatopsia**

4287795858

**Achromatomaly**

4287271339

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286288086 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(123, 144, 214)` looks like.

```
.text, #text, p{  
    color:rgb(123, 144, 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(123, 144, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 144, 214) }
```

## Border

The CSS property to change the border of an element to Android 4286288086 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(123, 144, 214) }
```

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

```
.border{ border-color:rgb(123, 144, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 144, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 144, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 144, 214);  
box-shadow:4px 4px 4px 4px rgb(123, 144,  
214) }
```

# Background

The CSS property to change the background color of an element to Android 4286288086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 144, 214) }
```

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

```
.background{ background-color: rgb(123,  
144, 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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