

# Converting Colors

Android(4287083212)

Have a look what the booklet for  
Android(4287083212) contains.

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# **Color**

**Android(4287083212)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87B2CC
RGB	135, 178, 204
RGB Percent	53%, 70%, 80%
CMY	0.4706, 0.3020, 0.2000
CMYK	0.34, 0.13, 0.00, 0.20
HSL	203°, 40%, 66%
HSV	203°, 34%, 80%
XYZ	36.8112, 41.3513, 63.1682
YIQ	168.1070, -33.9740, -1.0300

# Conversions

## Conversions Part 2

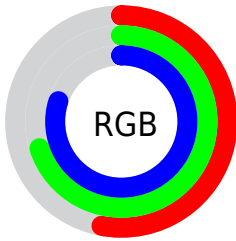
Format	Color
<a href="#">RYB</a>	<a href="#">135, 161, 204</a>
Decimal	<a href="#">8893132</a>
CIELab	<a href="#">70.42, -8.05, -17.80</a>
CIELCh	<a href="#">70, 19.536, 245.681</a>
Yxy	<a href="#">41.3513, 0.2605, 0.2926</a>
Android (android.graphics.Color)	<a href="#">4287083212 (0xFF87B2CC)</a>
YUV	<a href="#">168.1070, 17.6952, -29.0348</a>
Hunter-Lab	<a href="#">64.3050, -10.3521, -13.2284</a>

# Details

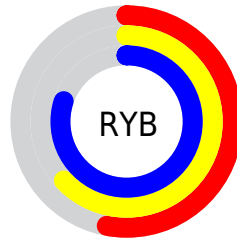
The Android color `4287083212` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4291600775`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4290702079`, and `4283596182` is the 20% darker color. If you saturate the color by 10%, you get `4285770444`, and if you desaturate by 10%, it is `4288395980`.

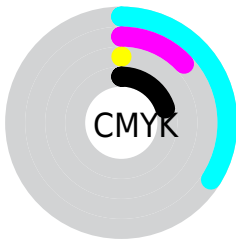
# Distribution



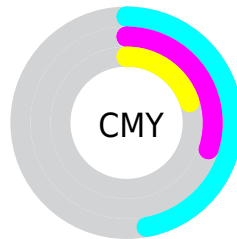
- Red (53%)
- Green (70%)
- Blue (80%)



- Red (53%)
- Yellow (63%)
- Blue (80%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (20%)



- Cyan (47%)
- Magenta (30%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287083212 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 4287083212 by changing the saturation by 10% instead.





4287083212



4287083212

4294967295



4285306801



4290702079



4283596182



4292542463



4281885820



4294443007



4280110435



4278203979



4278198580



4278191391



4278190083



4278190080

■ 4287083212

■ 4287083212

■ 4285770444

■ 4288395980

■ 4284392396

■ 4289774028

■ 4283079628

■ 4291086796

■ 4281701324

■ 4292465100

■ 4280388812

■ 4293777612

■ 4279076044

■ 4294959308

■ 4278222796

■ 4294961356

■ 4294963148

■ 4294965196

# Harmonies

## Analogous

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



4286363072



4287083212



4288458191

# Triad

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



4287083212



4291862697



4288917903

# Complementary

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



4287083212



4291600775

# 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.



4290227337



4287083212



4291862936

# Square

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



4287083212



4291207867



4291274380



4287608221

# Rectangle

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



4287083212



4289505740



4291274380



4289310860



# Sweetspot

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



4287083212



4293326335



4287089824



4285561472



4278190080



4286611584

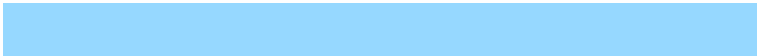


# Same Dimension

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



4287083212



4288076031



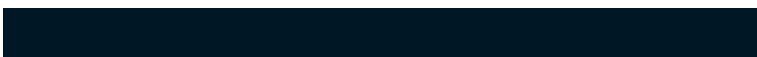
4287074508



4284244582



4278216614



4278196262



# Inverse Universe

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



4291594162



4294940376



4291609479



4284898402



4289069159

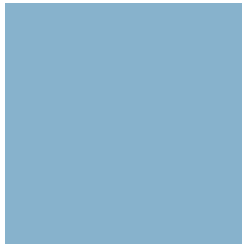


4280680472



# Previews

## White Background



This preview shows how the Android color 4287083212 looks on a white background.

## Color Contrast Check

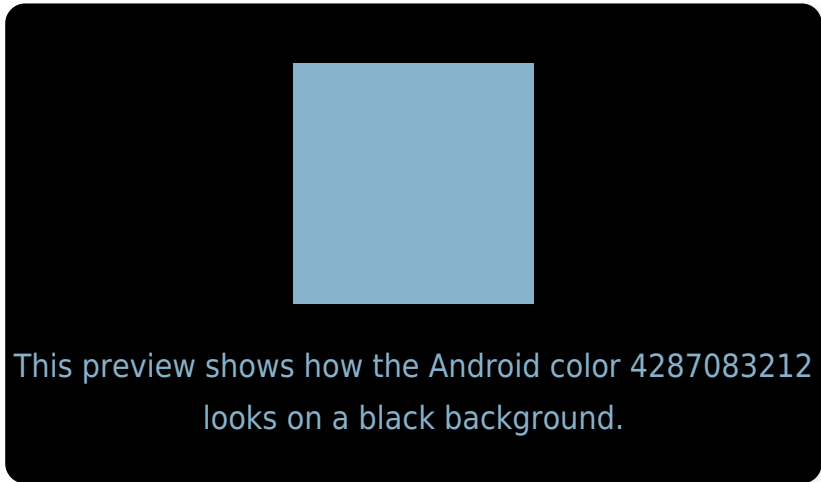
Large Text (above 18pt) WCAG AA × Fail

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 4287083212 Background



This preview shows how black text looks on a background with the Android color 4287083212.



This preview shows how white text looks on a background with the Android color 4287083212.

# 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**  
4287083212

**Protanopia**  
4289112775

**Deuteranopia**  
4289439950



# Trichromacy



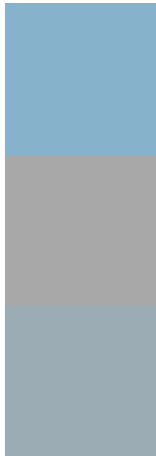
**Original Color**  
4287083212

**Protanomaly**  
4288392649

**Deuteranomaly**  
4288589005

**Tritanomaly**  
4287017926

# Monochromacy



**Original Color**  
4287083212

**Achromatopsia**  
4289243304

**Achromatomaly**  
4288457909

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287083212 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, 178, 204)` looks like.

```
.text, #text, p{  
    color:rgb(135, 178, 204)  
}
```

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, 178, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 178, 204) }
```

## Border

The CSS property to change the border of an element to Android 4287083212 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, 178, 204) }
```

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

```
.border{ border-color:rgb(135, 178, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 178, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 178, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 178, 204);  
box-shadow:4px 4px 4px 4px rgb(135, 178,  
204) }
```

# Background

The CSS property to change the background color of an element to Android 4287083212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 178, 204) }
```

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

```
.background{ background-color: rgb(135,  
178, 204) }
```

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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