

# Converting Colors

Android(4287216866)

Have a look what the booklet for  
Android(4287216866) contains.

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# **Color**

**Android(4287216866)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89BCE2
RGB	137, 188, 226
RGB Percent	54%, 74%, 89%
CMY	0.4627, 0.2627, 0.1137
CMYK	0.39, 0.17, 0.00, 0.11
HSL	206°, 61%, 71%
HSV	206°, 39%, 89%
XYZ	42.0272, 46.7758, 78.7651
YIQ	177.0830, -42.5940, 1.0060

# Conversions

## Conversions Part 2

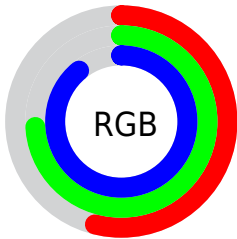
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	137, 169, 226
Decimal	9026786
CIE Lab	74.05, -7.21, -24.29
CIE LCh	74, 25.333, 253.465
Yxy	46.7758, 0.2508, 0.2791
Android (android.graphics.Color)	4287216866 (0xFF89BCE2)
YUV	177.0830, 24.1161, -35.1528
Hunter-Lab	68.3928, -9.9997, -20.4067

# Details

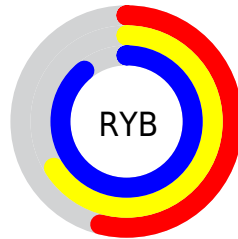
The Android color `4287216866` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4293046153`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4290901247`, and `4283598763` is the 20% darker color. If you saturate the color by 10%, you get `4285706978`, and if you desaturate by 10%, it is `4288726754`.

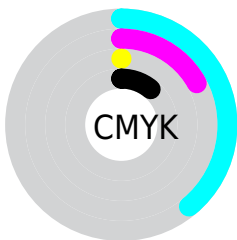
# Distribution



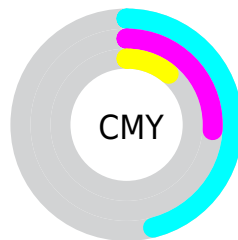
- Red (54%)
- Green (74%)
- Blue (89%)



- Red (54%)
- Yellow (66%)
- Blue (89%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (26%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287216866 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 4287216866 by changing the saturation by 10% instead.



 4287216866

 4287216866

4294967295

 4285440454

 4290901247

 4283598763

 4292804607

 4281822864

 4294705151

 4279653750

 4278206045

 4278200390

 4278195247

 4278190362

 4278190080

■ 4287216866

■ 4287216866

■ 4285706978

■ 4288726754

■ 4284262882

■ 4290170850

■ 4282752994

■ 4291680738

■ 4281308642

■ 4293125090

■ 4279799010

■ 4294634722

■ 4278289122

■ 4294964962

■ 4278223586

■ 4294967266

# Harmonies

## Analogous

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



4285907413



4287216866



4289246691

# Triad

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



4287216866



4293305772



4288855700

# Complementary

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



4287216866



4293046153

# 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.



4290558089



4287216866



4293044631

# Square

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



4287216866



4292650948



4292063370



4287152808

# Rectangle

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



4287216866



4290621405



4292063370



4289445007



# Sweetspot

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



4287216866



4292932351



4287226542



4285429888



4278190080



4286611584

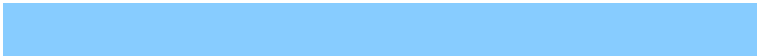


# Same Dimension

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



4287216866



4287089919



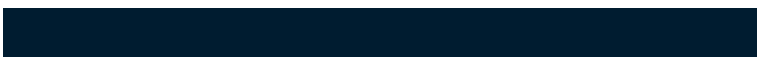
4287205602



4284836720



4278216112



4278197296



# Inverse Universe

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



4293036476



4294936524



4293057417



4285556075



4289724517

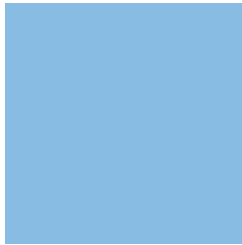


4281335836



# Previews

## White Background



This preview shows how the Android color 4287216866 looks on a white background.

## Color Contrast Check

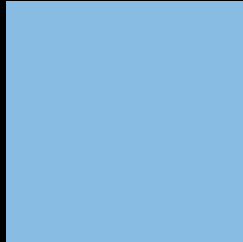
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4287216866 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 ✓ Pass

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



# Android 4287216866 Background



This preview shows how black text looks on a background with the Android color 4287216866.



This preview shows how white text looks on a background with the Android color 4287216866.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287216866 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(137, 188, 226)` looks like.

```
.text, #text, p{  
    color:rgb(137, 188, 226)  
}
```

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(137, 188, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 188, 226) }
```

## Border

The CSS property to change the border of an element to Android 4287216866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

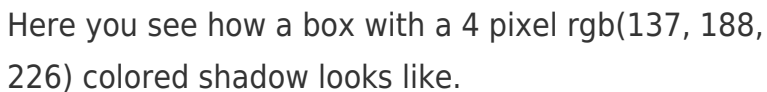
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 188, 226) }
```

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

```
.border{ border-color:rgb(137, 188, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 188, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 188, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 188, 226); box-shadow:4px 4px 4px 4px rgb(137, 188, 226) }
```

# Background

The CSS property to change the background color of an element to Android 4287216866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 188, 226) }
```

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

```
.background{ background-color: rgb(137,  
188, 226) }
```

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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