

# Converting Colors

Android(4286835199)

Have a look what the booklet for  
Android(4286835199) contains.

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# **Color**

**Android(4286835199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83E9FF
RGB	131, 233, 255
RGB Percent	51%, 91%, 100%
CMY	0.4863, 0.0863, 0.0000
CMYK	0.49, 0.09, 0.00, 0.00
HSL	191°, 100%, 76%
HSV	191°, 49%, 100%
XYZ	56.5490, 70.3231, 105.2010
YIQ	205.0100, -67.8540, -14.7820

# Conversions

## Conversions Part 2

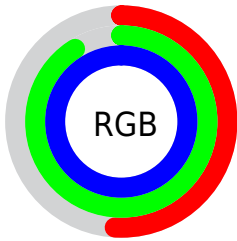
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 187, 255
Decimal	8645119
CIE <sub>Lab</sub>	87.16, -24.10, -19.87
CIE <sub>LCh</sub>	87, 31.234, 219.497
Yxy	70.3231, 0.2437, 0.3030
Android (android.graphics.Color)	4286835199 (0xFF83E9FF)
YUV	205.0100, 24.6451, -64.9068
Hunter-Lab	83.8589, -26.3842, -15.6781

# Details

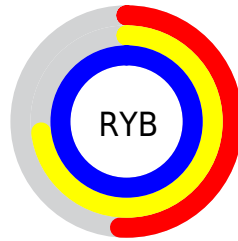
The Android color `4286835199` is a light color, and the websafe version is hex `99FFFF`. A complement of this color would be `4294941059`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4290707455`, and `4282757574` is the 20% darker color. If you saturate the color by 10%, you get `4285195519`, and if you desaturate by 10%, it is `4288474879`.

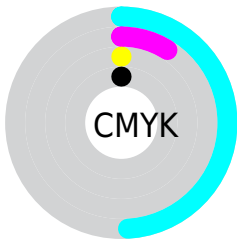
# Distribution



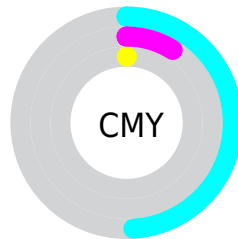
- Red (51%)
- Green (91%)
- Blue (100%)



- Red (51%)
- Yellow (73%)
- Blue (100%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286835199 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 4286835199 by changing the saturation by 10% instead.



 4286835199

 4286835199

4294967295

 4284861922

 4290707455

 4282757574

 4292673535

 4280063659

 4294705151

 4278221968

 4278215543

 4278209374

 4278203462

 4278198320

 4278190363

 4286835199


 4286835199

 4285195519

 4288474879

 4283490559

 4290179839

 4281850879

 4291885055

 4280145919

 4293524479

 4278506239

4294967295

 4278244095

# Harmonies

## Analogous

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



4287228899



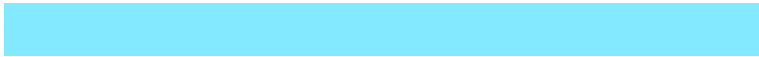
4286835199



4288406527

# Triad

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



4286835199



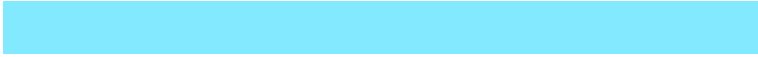
4294952944



4293319584

# Complementary

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



4286835199



4294941059

# 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.



4294955683



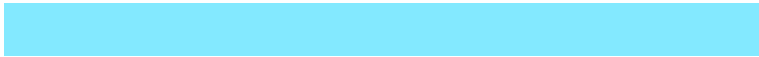
4286835199



4294952402

# Square

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



4286835199



4293644287



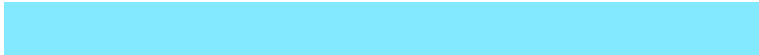
4294953398



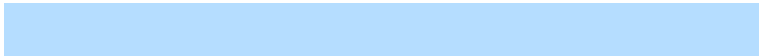
4291159212

# Rectangle

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



4286835199



4290108927



4294953398

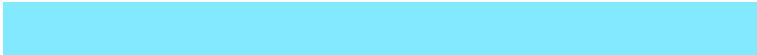


4293974175

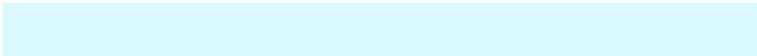


# Sweetspot

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



4286835199



4292475135



4286840728



4285102976



4278190080

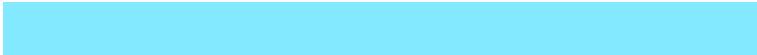


4286611584



# Same Dimension

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



4286835199



4285261311



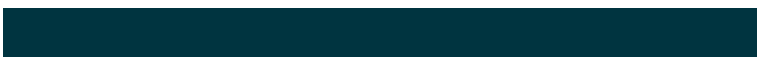
4286819583



4285758848



4278230463



4278203456



# Inverse Universe

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



4294935529



4294929381



4294956675



4286608253



4290707613



4282384436



# Previews

## White Background



This preview shows how the Android color 4286835199 looks on a white background.

## Color Contrast Check

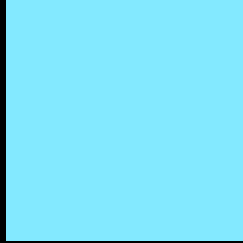
Large Text (above 18pt) WCAG AA × Fail

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 4286835199 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 4286835199 Background



This preview shows how black text looks on a background with the Android color 4286835199.

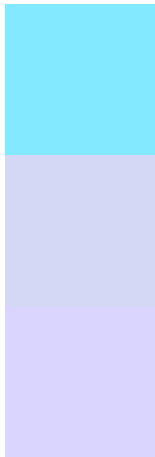


This preview shows how white text looks on a background with the Android color 4286835199.

# 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**  
4286835199

**Protanopia**  
4292204788

**Deuteranopia**  
4292466175



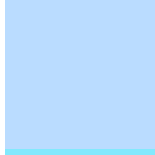
# Trichromacy



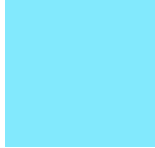
**Original Color**  
4286835199



**Protanomaly**  
4290240248



**Deuteranomaly**  
4290436351

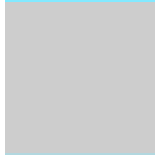


**Tritanomaly**  
4286769661

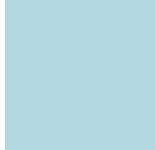
# Monochromacy



**Original Color**  
4286835199



**Achromatopsia**  
4291677645



**Achromatomaly**  
4289910751

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286835199 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(131, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 233, 255)  
}
```

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(131, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 233, 255) }
```

## Border

The CSS property to change the border of an element to Android 4286835199 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(131, 233, 255) }
```

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

```
.border{ border-color:rgb(131, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 233,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4286835199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 233, 255) }
```

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

```
.background{ background-color: rgb(131,  
233, 255) }
```

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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