

# Converting Colors

Android(4287095274)

Have a look what the booklet for  
Android(4287095274) contains.

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# **Color**

**Android(4287095274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87E1EA
RGB	135, 225, 234
RGB Percent	53%, 88%, 92%
CMY	0.4706, 0.1176, 0.0824
CMYK	0.42, 0.04, 0.00, 0.08
HSL	185°, 70%, 72%
HSV	185°, 42%, 92%
XYZ	51.7682, 64.9418, 87.6485
YIQ	199.1160, -56.5290, -16.2810

# Conversions

## Conversions Part 2

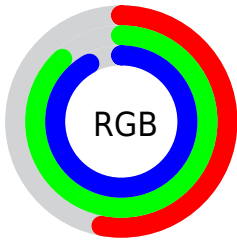
Format	Color
<a href="#">RYB</a>	<a href="#">135, 182, 234</a>
Decimal	<a href="#">8905194</a>
CIELab	<a href="#">84.45, -24.66, -12.85</a>
CIELCh	<a href="#">84, 27.808, 207.526</a>
Yxy	<a href="#">64.9418, 0.2533, 0.3178</a>
Android (android.graphics.Color)	<a href="#">4287095274 (0xFF87E1EA)</a>
YUV	<a href="#">199.1160, 17.1978, -56.2297</a>
Hunter-Lab	<a href="#">80.5865, -26.3593, -8.0752</a>

# Details

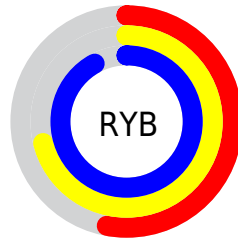
The Android color `4287095274` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4293562503`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4290904063`, and `4283279794` is the 20% darker color. If you saturate the color by 10%, you get `4285587434`, and if you desaturate by 10%, it is `4288603114`.

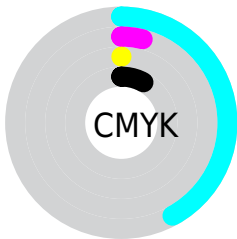
# Distribution



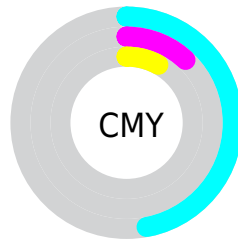
- Red (53%)
- Green (88%)
- Blue (92%)



- Red (53%)
- Yellow (71%)
- Blue (92%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (47%)
- Magenta (12%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287095274 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 4287095274 by changing the saturation by 10% instead.





4287095274



4287095274

4294967295



4285187534



4290904063



4283279794



4292804607



4281175960



4294770687



4278220158



4278213733



4278207565



4278201654



4278196513



4278190088

 4287095274

 4287095274


 4285587434

 4288603114

 4284014058

 4290176490

 4282506218

 4291684330

 4280932586

 4293257962

 4279424746

 4294765802

 4278244842

 4294962922

 4294963434

 4294963946

 4294964458

# Harmonies

## Analogous

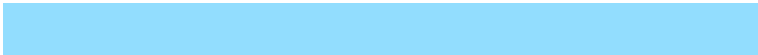
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287947472



4287095274



4287815166

# Triad

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



4287095274



4294165743



4293447839

# Complementary

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



4287095274



4293562503

# 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.



4294887591



4287095274



4294951126

# Square

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



4287095274



4292136447



4294951356



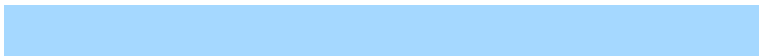
4291615140

# Rectangle

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



4287095274



4289059071



4294951356



4293971360

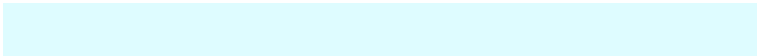


# Sweetspot

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



4287095274



4292803839



4287097487



4285234816



4278190080



4286611584



# Same Dimension

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



4287095274



4286444543



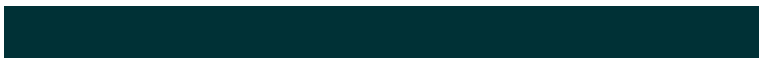
4287082730



4285166709



4278232501



4278202678



# Inverse Universe

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



4293560289



4294934003



4293575047



4285885044



4290052261

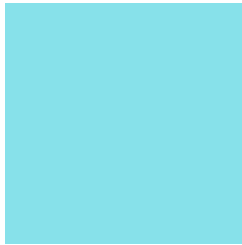


4281729073



# Previews

## White Background



This preview shows how the Android color 4287095274 looks on a white background.

## Color Contrast Check

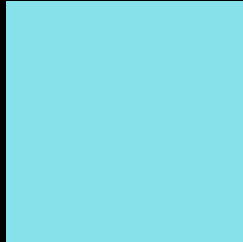
Large Text (above 18pt) WCAG AA × Fail

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 4287095274 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 4287095274 Background



This preview shows how black text looks on a background with the Android color 4287095274.



This preview shows how white text looks on a background with the Android color 4287095274.

# 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

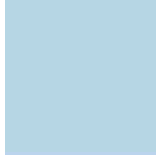




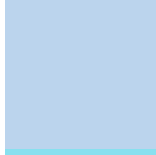
# Trichromacy



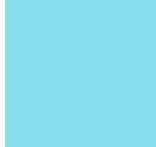
**Original Color**  
4287095274



**Protanomaly**  
4290172644



**Deuteranomaly**  
4290499821

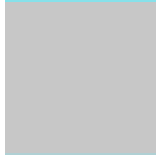


**Tritanomaly**  
4287160559

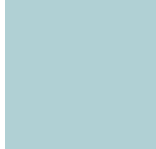
# Monochromacy



**Original Color**  
4287095274



**Achromatopsia**  
4291282887



**Achromatomaly**  
4289777876

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287095274 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, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(135, 225, 234)  
}
```

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, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 225, 234) }
```

## Border

The CSS property to change the border of an element to Android 4287095274 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, 225, 234) }
```

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

```
.border{ border-color:rgb(135, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(135, 225,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4287095274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 225, 234) }
```

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

```
.background{ background-color: rgb(135,  
225, 234) }
```

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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