

# Converting Colors

Android(4287094238)

Have a look what the booklet for  
Android(4287094238) contains.

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# **Color**

**Android(4287094238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87DDDE
RGB	135, 221, 222
RGB Percent	53%, 87%, 87%
CMY	0.4706, 0.1333, 0.1294
CMYK	0.39, 0.00, 0.00, 0.13
HSL	181°, 57%, 70%
HSV	181°, 39%, 87%
XYZ	49.0329, 62.1377, 78.5167
YIQ	195.4000, -51.5770, -17.9210

# Conversions

## Conversions Part 2

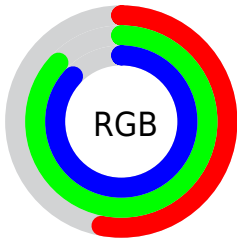
Format	Color
<a href="#">RYB</a>	<a href="#">135, 178, 222</a>
Decimal	<a href="#">8904158</a>
CIELab	<a href="#">82.99, -25.66, -8.68</a>
CIELCh	<a href="#">83, 27.087, 198.694</a>
Yxy	<a href="#">62.1377, 0.2585, 0.3276</a>
Android (android.graphics.Color)	<a href="#">4287094238 (0xFF87DDDE)</a>
YUV	<a href="#">195.4000, 13.1138, -52.9708</a>
Hunter-Lab	<a href="#">78.8275, -26.9160, -3.8770</a>

# Details

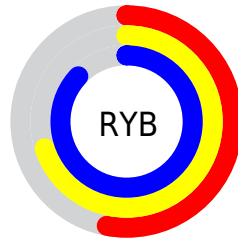
The Android color `4287094238` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292774023`, and the grayscale version is `4291019715`.

A 20% lighter version of the original color is `4290838527`, and `4283344551` is the 20% darker color. If you saturate the color by 10%, you get `4285652446`, and if you desaturate by 10%, it is `4288536030`.

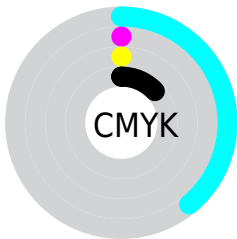
# Distribution



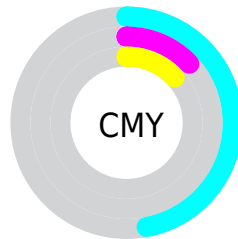
- Red (53%)
- Green (87%)
- Blue (87%)



- Red (53%)
- Yellow (70%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287094238 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 4287094238 by changing the saturation by 10% instead.



 4287094238

 4287094238

4294967295

 4285252034

 4290838527

 4283344551

 4292739071

 4281371533

 4294705151

 4278415731

 4278212955

 4278206787

 4278200877

 4278194969

 4278190080

 4287094238

 4287094238

 4285652446

 4288536030

 4284210398

 4289978078

 4282703070

 4291485406

 4281261278

 4292927198

 4279819486

 4294368990

 4278377438

 4294959070

 4278246366

# Harmonies

## Analogous

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



4288208068



4287094238



4287290100

# Triad

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



4287094238



4293313520



4293642909

# Complementary

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



4287094238



4292774023

# 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.



4294820521



4287094238



4294688217

# Square

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



4287094238



4291218431



4294950335



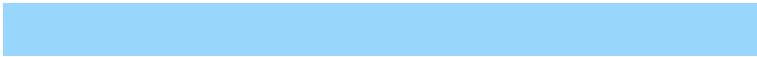
4291941022

# Rectangle

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



4287094238



4288272125



4294950335



4294100896



# Sweetspot

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



4287094238



4292935679



4287094407



4285431680



4278190080



4286611584



# Same Dimension

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



4287094238



4287102719



4287083486



4284838000



4278234800



4278202416



# Inverse Universe

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



4292773853



4294936574



4292785031



4285556080



4289724590



4281335856



# Previews

## White Background



This preview shows how the Android color 4287094238 looks on a white background.

## Color Contrast Check

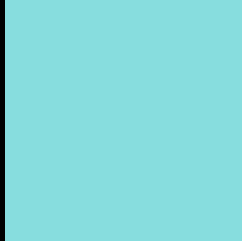
Large Text (above 18pt) WCAG AA × Fail

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 4287094238 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 4287094238 Background



This preview shows how black text looks on a background with the Android color 4287094238.



This preview shows how white text looks on a background with the Android color 4287094238.

# 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





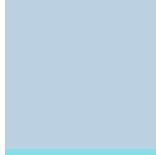
# Trichromacy



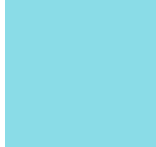
**Original Color**  
4287094238



**Protanomaly**  
4290106072



**Deuteranomaly**  
4290498785

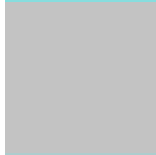


**Tritanomaly**  
4287290599

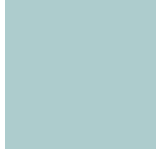
# Monochromacy



**Original Color**  
4287094238



**Achromatopsia**  
4291019715



**Achromatomaly**  
4289580237

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287094238 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, 221, 222)` looks like.

```
.text, #text, p{  
    color:rgb(135, 221, 222)  
}
```

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, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 221, 222) }
```

## Border

The CSS property to change the border of an element to Android 4287094238 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, 221, 222) }
```

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

```
.border{ border-color:rgb(135, 221, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(135, 221,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4287094238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 221, 222) }
```

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

```
.background{ background-color: rgb(135,  
221, 222) }
```

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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