

# Converting Colors

Android(4287091417)

Have a look what the booklet for  
Android(4287091417) contains.

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# **Color**

**Android(4287091417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87D2D9
RGB	135, 210, 217
RGB Percent	53%, 82%, 85%
CMY	0.4706, 0.1765, 0.1490
CMYK	0.38, 0.03, 0.00, 0.15
HSL	185°, 52%, 69%
HSV	185°, 38%, 85%
XYZ	45.5627, 56.2538, 74.1023
YIQ	188.3730, -46.9470, -13.7230

# Conversions

## Conversions Part 2

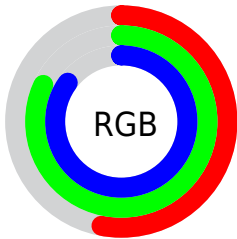
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 174, 217</a>
Decimal	<a href="#">8901337</a>
CIELab	<a href="#">79.76, -21.43, -10.82</a>
CIElCh	<a href="#">80, 24.012, 206.788</a>
Yxy	<a href="#">56.2538, 0.2590, 0.3198</a>
Android (android.graphics.Color)	<a href="#">4287091417 (0xFF87D2D9)</a>
YUV	<a href="#">188.3730, 14.1131, -46.8081</a>
Hunter-Lab	<a href="#">75.0026, -22.8191, -6.0766</a>

# Details

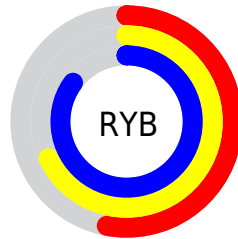
The Android color `4287091417` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4292447879`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4290772991`, and `4283472802` is the 20% darker color. If you saturate the color by 10%, you get `4285649113`, and if you desaturate by 10%, it is `4288533721`.

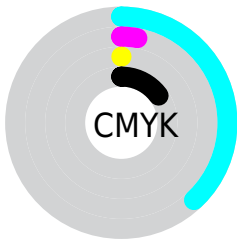
# Distribution



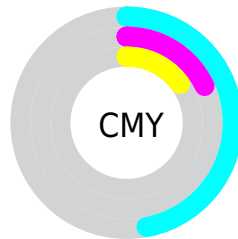
- Red (53%)
- Green (82%)
- Blue (85%)



- Red (53%)
- Yellow (68%)
- Blue (85%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (47%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287091417 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 4287091417 by changing the saturation by 10% instead.





4287091417



4287091417

4294967295



4285249213



4290772991



4283472802



4292673535



4281565576



4294639615



4279199855



4278210390



4278204479



4278199081



4278190357



4278190080

■ 4287091417

■ 4287091417

■ 4285649113

■ 4288533721

■ 4284272345

■ 4289910489

■ 4282830041

■ 4291352793

■ 4281387993

■ 4292794841

■ 4279945689

■ 4294237145

■ 4278568921

■ 4294958553

■ 4278240985

■ 4294959065

■ 4294959577

■ 4294960089

# Harmonies

## Analogous

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



4287746754



4287091417



4287614954

# Triad

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



4287091417



4292917983



4292461465

# Complementary

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



4287091417



4292447879

# 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.



4293639329



4287091417



4293965513

# Square

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



4287091417



4291215854



4294227891



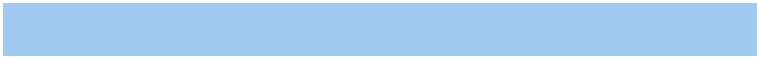
4290890397

# Rectangle

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



4287091417



4288662513



4294227891



4292919707

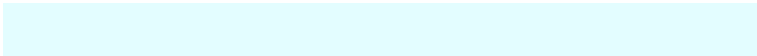


# Sweetspot

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



4287091417



4293131775



4287093134



4285496960



4278190080



4286611584



# Same Dimension

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



4287091417



4287428095



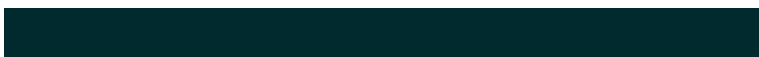
4287080921



4284706158



4278230957



4278200878



# Inverse Universe

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



4292446162



4294937845



4292458375



4285424493



4289527967

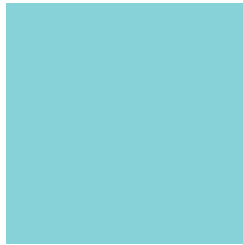


4281204778



# Previews

## White Background



This preview shows how the Android color 4287091417 looks on a white background.

## Color Contrast Check

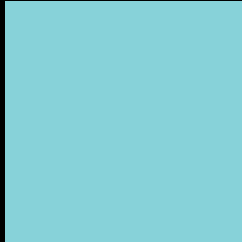
Large Text (above 18pt) WCAG AA × Fail

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 4287091417 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 4287091417 Background



This preview shows how black text looks on a background with the Android color 4287091417.



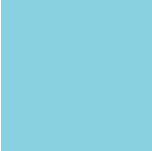
This preview shows how white text looks on a background with the Android color 4287091417.

# 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



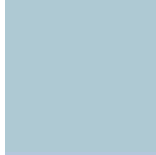


**Tritanopia**  
4287222241

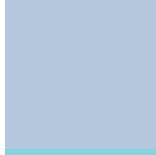
# Trichromacy



**Original Color**  
4287091417



**Protanomaly**  
4289645011



**Deuteranomaly**  
4290037724

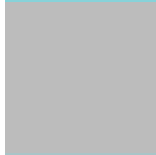


**Tritanomaly**  
4287156702

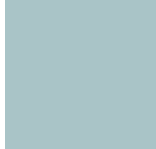
# Monochromacy



**Original Color**  
4287091417



**Achromatopsia**  
4290559164



**Achromatomaly**  
4289316039

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287091417 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, 210, 217)` looks like.

```
.text, #text, p{  
    color:rgb(135, 210, 217)  
}
```

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, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 210, 217) }
```

## Border

The CSS property to change the border of an element to Android 4287091417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

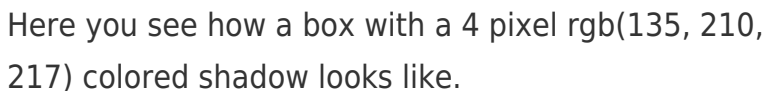
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 210, 217) }
```

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

```
.border{ border-color:rgb(135, 210, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 210, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 210, 217); box-shadow:4px 4px 4px 4px rgb(135, 210, 217) }
```

# Background

The CSS property to change the background color of an element to Android 4287091417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 210, 217) }
```

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

```
.background{ background-color: rgb(135,  
210, 217) }
```

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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