

# Converting Colors

Android(4287023561)

Have a look what the booklet for  
Android(4287023561) contains.

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# **Color**

**Android(4287023561)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86C9C9
RGB	134, 201, 201
RGB Percent	53%, 79%, 79%
CMY	0.4745, 0.2118, 0.2118
CMYK	0.33, 0.00, 0.00, 0.21
HSL	180°, 38%, 66%
HSV	180°, 33%, 79%
XYZ	41.2608, 51.0587, 62.9390
YIQ	180.9670, -39.9320, -14.2040

# Conversions

## Conversions Part 2

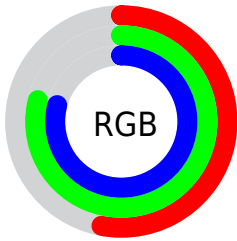
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 168, 201
Decimal	8833481
CIELab	76.71, -21.04, -6.75
CIELCh	77, 22.097, 197.787
Yxy	51.0587, 0.2658, 0.3289
Android (android.graphics.Color)	4287023561 (0xFF86C9C9)
YUV	180.9670, 9.8763, -41.1901
Hunter-Lab	71.4553, -21.9748, -2.2048

# Details

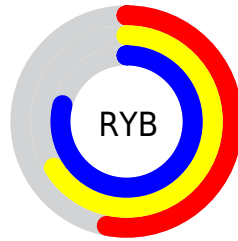
The Android color `4287023561` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291397254`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4290707455`, and `4283470739` is the 20% darker color. If you saturate the color by 10%, you get `4285712841`, and if you desaturate by 10%, it is `4288334281`.

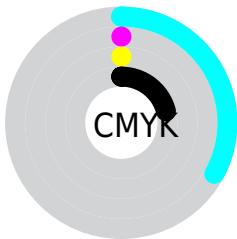
# Distribution



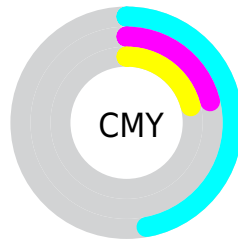
- Red (53%)
- Green (79%)
- Blue (79%)



- Red (53%)
- Yellow (66%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (47%)
- Magenta (21%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287023561 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 4287023561 by changing the saturation by 10% instead.



 4287023561

 4287023561

4294967295

 4285247150

 4290707455

 4283470739

 4292542463

 4281694585

 4294443007

 4279722081

 4278208585

 4278202674

 4278197533

 4278190083

 4278190080

■ 4287023561

■ 4287023561

■ 4285712841

■ 4288334281

■ 4284402121

■ 4289645001

■ 4283091401

■ 4290955721

■ 4281780681

■ 4292266441

■ 4280469961

■ 4293642697

■ 4279093705

■ 4294953417

■ 4278241737

# Harmonies

## Analogous

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



4287875508



4287023561



4287154139

# Triad

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



4287023561



4291802329



4292196758

# Complementary

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



4287023561



4291397254

# 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.



4293112736



4287023561



4292980935

# Square

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



4287023561



4290165732



4293439410



4290822294

# Rectangle

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



4287023561



4287874275



4293439410



4292523928



# Sweetspot

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



4287023561



4293328895



4287023494



4285563008



4278190080



4286611584



# Same Dimension

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



4287023561



4288282623



4287015113



4284113763



4278231971



4278199332



# Inverse Universe

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



4291397321



4294941183



4291405958



4284701283



4288872611

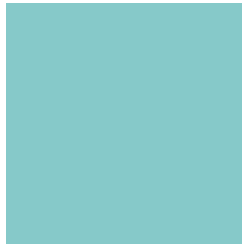


4280549412



# Previews

## White Background



This preview shows how the Android color 4287023561 looks on a white background.

## Color Contrast Check

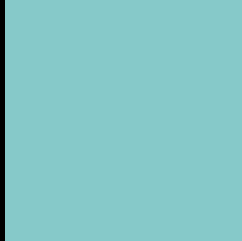
Large Text (above 18pt) WCAG AA × Fail

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 4287023561 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 4287023561 Background



This preview shows how black text looks on a background with the Android color 4287023561.



This preview shows how white text looks on a background with the Android color 4287023561.

# 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





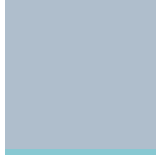
# Trichromacy



**Original Color**  
4287023561



**Protanomaly**  
4289380804



**Deuteranomaly**  
4289707724

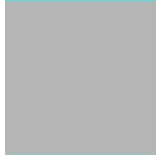


**Tritanomaly**  
4287154386

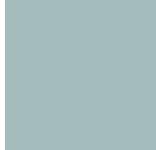
# Monochromacy



**Original Color**  
4287023561



**Achromatopsia**  
4290098613



**Achromatomaly**  
4288986300

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287023561 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(134, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(134, 201, 201)  
}
```

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(134, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 201, 201) }
```

## Border

The CSS property to change the border of an element to Android 4287023561 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(134, 201, 201) }
```

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

```
.border{ border-color:rgb(134, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(134, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(134, 201,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4287023561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 201, 201) }
```

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

```
.background{ background-color: rgb(134,  
201, 201) }
```

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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