

# Converting Colors

Android(4286627273)

Have a look what the booklet for  
Android(4286627273) contains.

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# **Color**

**Android(4286627273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80BDC9
RGB	128, 189, 201
RGB Percent	50%, 74%, 79%
CMY	0.4980, 0.2588, 0.2118
CMYK	0.36, 0.06, 0.00, 0.21
HSL	190°, 40%, 65%
HSV	190°, 36%, 79%
XYZ	37.6423, 45.2014, 61.9991
YIQ	172.1290, -40.2080, -9.2000

# Conversions

## Conversions Part 2

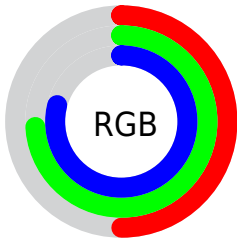
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 161, 201
Decimal	8437193
CIELab	73.02, -16.54, -12.28
CIElCh	73, 20.602, 216.586
Yxy	45.2014, 0.2599, 0.3121
Android (android.graphics.Color)	4286627273 (0xFF80BDC9)
YUV	172.1290, 14.2334, -38.7011
Hunter-Lab	67.2320, -17.7163, -7.6129

# Details

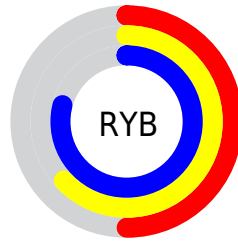
The Android color `4286627273` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291398784`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4290246143`, and `4283074707` is the 20% darker color. If you saturate the color by 10%, you get `4285315785`, and if you desaturate by 10%, it is `4287938761`.

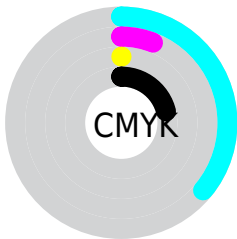
# Distribution



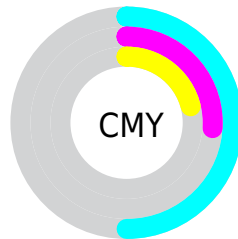
- Red (50%)
- Green (74%)
- Blue (79%)



- Red (50%)
- Yellow (63%)
- Blue (79%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)

















- Cyan (50%)
- Magenta (26%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286627273 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 4286627273 by changing the saturation by 10% instead.



 4286627273	 4286627273
4294967295	 4284850862
 4290246143	 4283074707
 4292149247	 4281298553
 4294049791	 4279129696
	 4278206025
	 4278200370
	 4278195229
	 4278190081
	 4278190080

■ 4286627273

■ 4286627273

■ 4285315785

■ 4287938761

■ 4284004041

■ 4289250505

■ 4282692553

■ 4290561993

■ 4281381065

■ 4291873481

■ 4280069321

■ 4293250761

■ 4278692297

■ 4294562249

■ 4278233289

■ 4294956233

■ 4294957001

■ 4294958025

# Harmonies

## Analogous

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



4286889655



4286627273



4287412693

# Triad

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



4286627273



4291799235



4290687886

# Complementary

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



4286627273



4291398784

# 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.



4291800465



4286627273



4292519600

# Square

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



4286627273



4290555346



4292454558



4289247637

# Rectangle

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



4286627273



4288394968



4292454558



4291080590



# Sweetspot

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



4286627273



4293131007



4286630283



4285496704



4278190080



4286611584

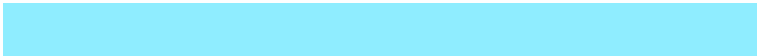


# Same Dimension

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



4286627273



4287622655



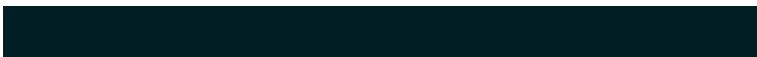
4286618313



4284113507



4278225059



4278197796



# Inverse Universe

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



4291395773



4294938605



4291407744



4284701282



4288872584

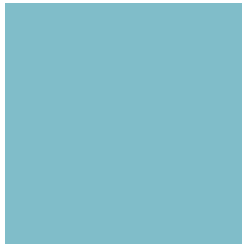


4280549406



# Previews

## White Background



This preview shows how the Android color 4286627273 looks on a white background.

## Color Contrast Check

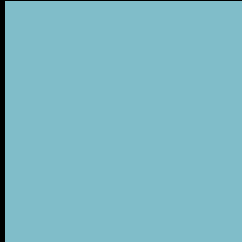
Large Text (above 18pt) WCAG AA × Fail

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 4286627273 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

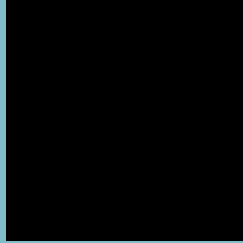
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286627273 Background



This preview shows how black text looks on a background with the Android color 4286627273.



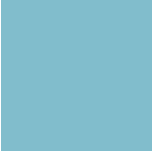
This preview shows how white text looks on a background with the Android color 4286627273.

# 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**  
4286692812

# Trichromacy



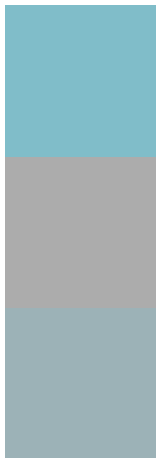
**Original Color**  
4286627273

**Protanomaly**  
4288656837

**Deuteranomaly**  
4288984011

**Tritanomaly**  
4286692811

# Monochromacy



**Original Color**  
4286627273

**Achromatopsia**  
4289506476

**Achromatomaly**  
4288459447

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286627273 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(128, 189, 201)` looks like.

```
.text, #text, p{  
    color:rgb(128, 189, 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(128, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 189, 201) }
```

## Border

The CSS property to change the border of an element to Android 4286627273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

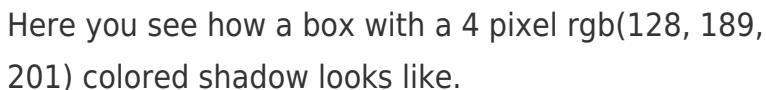
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 189, 201) }
```

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

```
.border{ border-color:rgb(128, 189, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(128, 189,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4286627273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 189, 201) }
```

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

```
.background{ background-color: rgb(128,  
189, 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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