

# Converting Colors

Android(4286698977)

Have a look what the booklet for  
Android(4286698977) contains.

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# **Color**

**Android(4286698977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81D5E1
RGB	129, 213, 225
RGB Percent	51%, 84%, 88%
CMY	0.4941, 0.1647, 0.1176
CMYK	0.43, 0.05, 0.00, 0.12
HSL	188°, 62%, 69%
HSV	188°, 43%, 88%
XYZ	46.4381, 57.6919, 79.9223
YIQ	189.2520, -53.9160, -14.0760

# Conversions

## Conversions Part 2

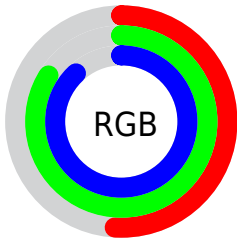
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 174, 225
Decimal	8508897
CIELab	80.57, -22.43, -13.92
CIELCh	81, 26.399, 211.816
Yxy	57.6919, 0.2523, 0.3135
Android (android.graphics.Color)	4286698977 (0xFF81D5E1)
YUV	189.2520, 17.6238, -52.8410
Hunter-Lab	75.9552, -23.7887, -9.2181

# Details

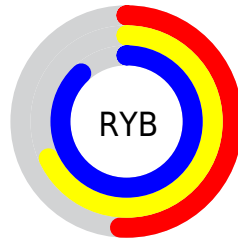
The Android color `4286698977` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4292971905`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4290445311`, and `4282949290` is the 20% darker color. If you saturate the color by 10%, you get `4285190881`, and if you desaturate by 10%, it is `4288207073`.

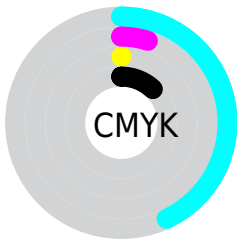
# Distribution



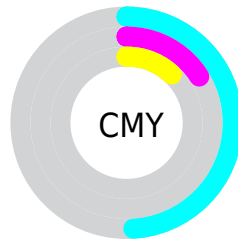
- Red (51%)
- Green (84%)
- Blue (88%)



- Red (51%)
- Yellow (68%)
- Blue (88%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (49%)
- Magenta (16%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286698977 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 4286698977 by changing the saturation by 10% instead.





4286698977



4286698977

4294967295



4284856773



4290445311



4282949290



4292345855



4280845455



4294311935



4278217334



4278211165



4278205253



4278199599



4278191387



4278190080

■ 4286698977

■ 4286698977

■ 4285190881

■ 4288207073

■ 4283748321

■ 4289649633

■ 4282240481

■ 4291091937

■ 4280797921

■ 4292600033

■ 4279289825

■ 4294042593

■ 4278240737

■ 4294960865

■ 4294961633

■ 4294962145

■ 4294962913

# Harmonies

## Analogous

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



4287289033



4286698977



4287549939

# Triad

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



4286698977



4293507808



4292462487

# Complementary

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



4286698977



4292971905

# 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.



4293836701



4286698977



4294489799

# Square

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



4286698977



4291740146



4294621359



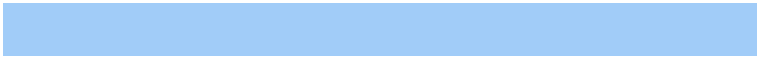
4290694814

# Rectangle

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



4286698977



4288793848



4294621359



4292986007

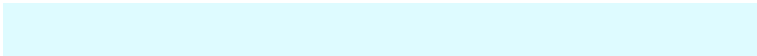


# Sweetspot

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



4286698977



4292803583



4286701964



4285234560



4278190080



4286611584



# Same Dimension

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



4286698977



4286443519



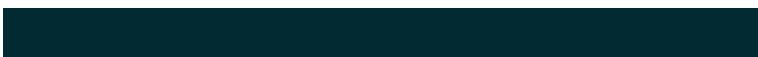
4286686945



4284837744



4278229680



4278200880



# Inverse Universe

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



4292968917



4294933999



4292983937



4285556079



4289724570

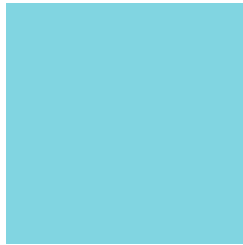


4281335850



# Previews

## White Background



This preview shows how the Android color 4286698977 looks on a white background.

## Color Contrast Check

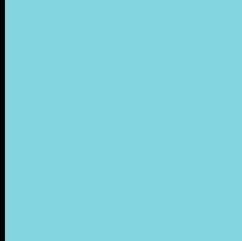
Large Text (above 18pt) WCAG AA × Fail

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 4286698977 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 4286698977 Background



This preview shows how black text looks on a background with the Android color 4286698977.



This preview shows how white text looks on a background with the Android color 4286698977.

# 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



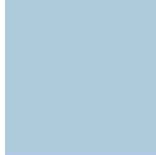


**Tritanopia**  
4286764261

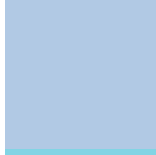
# Trichromacy



**Original Color**  
4286698977



**Protanomaly**  
4289579995



**Deuteranomaly**  
4289841636

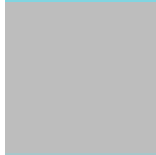


**Tritanomaly**  
4286764260

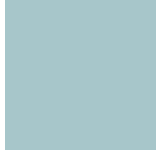
# Monochromacy



**Original Color**  
4286698977



**Achromatopsia**  
4290624957



**Achromatomaly**  
4289185482

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286698977 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(129, 213, 225)` looks like.

```
.text, #text, p{  
    color:rgb(129, 213, 225)  
}
```

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(129, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 213, 225) }
```

## Border

The CSS property to change the border of an element to Android 4286698977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

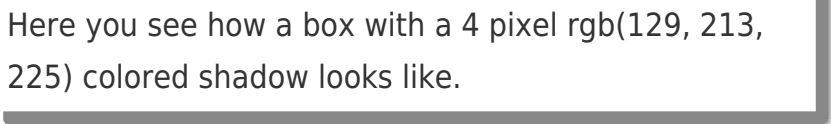
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 213, 225) }
```

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

```
.border{ border-color:rgb(129, 213, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 213, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 213, 225); box-shadow:4px 4px 4px 4px rgb(129, 213, 225) }
```

# Background

The CSS property to change the background color of an element to Android 4286698977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 213, 225) }
```

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

```
.background{ background-color: rgb(129,  
213, 225) }
```

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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