

# Converting Colors

Android(4286689713)

Have a look what the booklet for  
Android(4286689713) contains.

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# **Color**

**Android(4286689713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81B1B1
RGB	129, 177, 177
RGB Percent	51%, 69%, 69%
CMY	0.4941, 0.3059, 0.3059
CMYK	0.27, 0.00, 0.00, 0.31
HSL	180°, 24%, 60%
HSV	180°, 27%, 69%
XYZ	32.7112, 39.2857, 47.4538
YIQ	162.6480, -28.6080, -10.1760

# Conversions

## Conversions Part 2

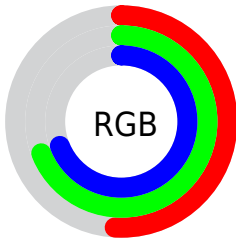
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 153, 177
Decimal	8499633
CIELab	68.96, -15.80, -5.16
CIElCh	69, 16.624, 198.071
Yxy	39.2857, 0.2738, 0.3289
Android (android.graphics.Color)	4286689713 (0xFF81B1B1)
YUV	162.6480, 7.0755, -29.5093
Hunter-Lab	62.6783, -16.5297, -1.0137

# Details

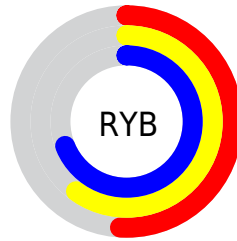
The Android color `4286689713` is a light color, and the websafe version is hex `669999`. A complement of this color would be `4289823105`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4290243049`, and `4283333756` is the 20% darker color. If you saturate the color by 10%, you get `4285510065`, and if you desaturate by 10%, it is `4287869361`.

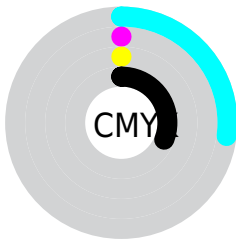
# Distribution



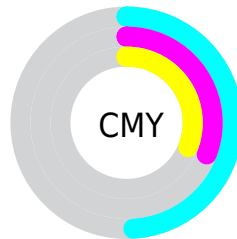
- Red (51%)
- Green (69%)
- Blue (69%)



- Red (51%)
- Yellow (60%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286689713 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 4286689713 by changing the saturation by 10% instead.





4286689713



4286689713

4294967295



4284978838



4290243049



4283333756



4292083711



4281688932



4293984255



4279978828



4278203445



4278198048



4278190088



4278190080



4286689713



4286689713

■ 4285510065

■ 4287869361

■ 4284395953

■ 4288983473

■ 4283216305

■ 4290163121

■ 4282036657

■ 4291342769

■ 4280922545

■ 4292522417

■ 4279742897

■ 4293636529

■ 4278563249

■ 4294816177

■ 4278235569

■ 4294947249

# Harmonies

## Analogous

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



4287279522



4286689713



4286820286

# Triad

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



4286689713



4290159292



4290422155

# Complementary

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



4286689713



4289823105

# 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.



4291142035



4286689713



4291010223

# Square

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



4286689713



4288915141



4291337888



4289374860

# Rectangle

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



4286689713



4287344068



4291337888



4290684045



# Sweetspot

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



4286689713



4292077286



4286689665



4284969843



4294111986



4285756275



# Same Dimension

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



4286689713



4288341734



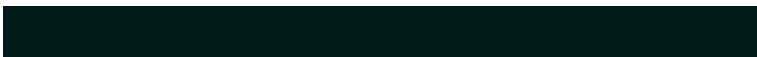
4286683569



4283455833



4278229401



4278196762



# Inverse Universe

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



4289823153



4293303014



4289829249



4284043353



4288217241



4279894042



# Previews

## White Background



This preview shows how the Android color 4286689713 looks on a white background.

## Color Contrast Check

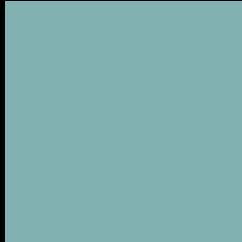
Large Text (above 18pt) WCAG AA × Fail

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 4286689713 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 4286689713 Background



This preview shows how black text looks on a background with the Android color 4286689713.

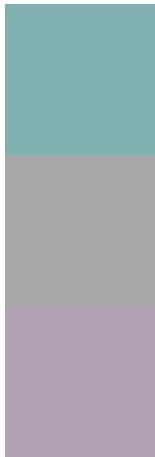


This preview shows how white text looks on a background with the Android color 4286689713.

# 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



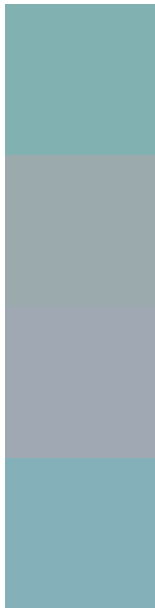
**Original Color**  
4286689713

**Protanopia**  
4289374123

**Deuteranopia**  
4289897396



# Trichromacy



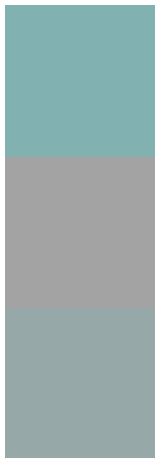
**Original Color**  
4286689713

**Protanomaly**  
4288392109

**Deuteranomaly**  
4288719027

**Tritanomaly**  
4286820537

# Monochromacy



**Original Color**  
4286689713

**Achromatopsia**  
4288914339

**Achromatomaly**  
4288129192

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286689713 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, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 177)  
}
```

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, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 177) }
```

## Border

The CSS property to change the border of an element to Android 4286689713 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, 177, 177) }
```

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

```
.border{ border-color:rgb(129, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4286689713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 177) }
```

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

```
.background{ background-color: rgb(129,  
177, 177) }
```

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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