

# Converting Colors

Android(4283866011)

Have a look what the booklet for  
Android(4283866011) contains.

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# Color

**Android(4283866011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	569B9B
RGB	86, 155, 155
RGB Percent	34%, 61%, 61%
CMY	0.6627, 0.3922, 0.3922
CMYK	0.45, 0.00, 0.00, 0.39
HSL	180°, 29%, 47%
HSV	180°, 45%, 61%
XYZ	21.4755, 27.7877, 35.2420
YIQ	134.3690, -41.1240, -14.6280

# Conversions

## Conversions Part 2

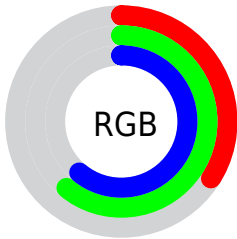
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 121, 155
Decimal	5675931
CIELab	59.70, -21.74, -6.81
CIElCh	60, 22.783, 197.386
Yxy	27.7877, 0.2541, 0.3288
Android (android.graphics.Color)	4283866011 (0xFF569B9B)
YUV	134.3690, 10.1711, -42.4196
Hunter-Lab	52.7140, -19.5293, -2.7386

# Details

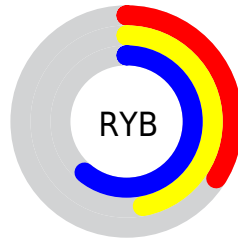
The Android color `4283866011` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4288370262`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4287419089`, and `4280117352` is the 20% darker color. If you saturate the color by 10%, you get `4282882971`, and if you desaturate by 10%, it is `4284914587`.

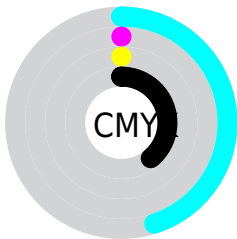
# Distribution



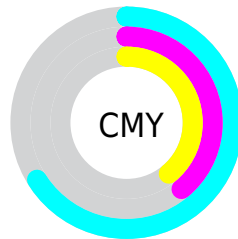
- Red (34%)
- Green (61%)
- Blue (61%)



- Red (34%)
- Yellow (47%)
- Blue (61%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (66%)
- Magenta (39%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283866011 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 4283866011 by changing the saturation by 10% instead.





4283866011



4283866011

4294967295



4282089857



4287419089



4280117352



4289261294



4278210384



4291100671



4278204473



4293001215



4278199076

4294901759



4278190351



4278190080



4283866011



4283866011



4282882971



4284914587

■ 4281834395

■ 4285897627

■ 4280851355

■ 4286946203

■ 4279802779

■ 4287929243

■ 4278819739

■ 4288977819

■ 4278229915

■ 4289960859

■ 4291009435

■ 4291992475

■ 4293041051

# Harmonies

## Analogous

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



4284848774



4283866011



4283931053

# Triad

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



4283866011



4288776107



4289105001

# Complementary

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



4283866011



4288370262

# 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.



4290020723



4283866011



4289888921

# Square

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



4283866011



4287073974



4290347653



4287795817

# Rectangle

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



4283866011



4284716724



4290347653



4289497451



# Sweetspot

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



4283866011



4289710537



4283865942



4283852390



4293322470



4284900966



# Same Dimension

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



4283866011



4284467657



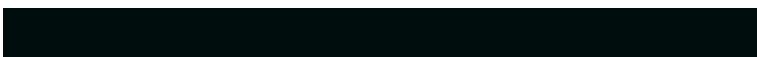
4283857307



4282731853



4278226060



4278193421



# Inverse Universe

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



4288370331



4291387337



4288379222



4283254093



4287365260

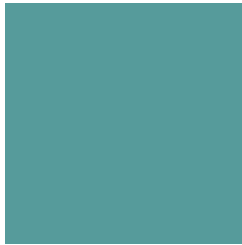


4279042061



# Previews

## White Background



This preview shows how the Android color 4283866011 looks on a white background.

## Color Contrast Check

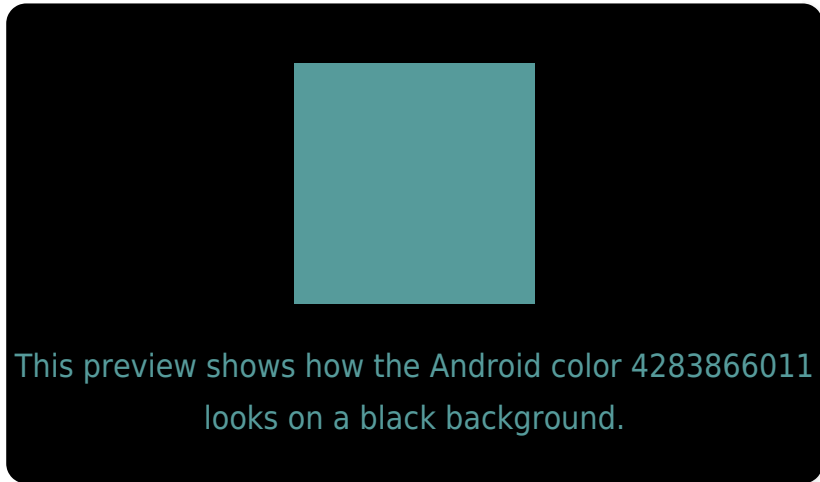
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

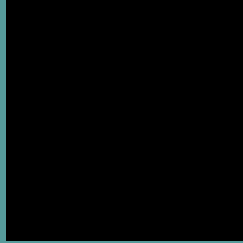
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4283866011 Background



This preview shows how black text looks on a background with the Android color 4283866011.

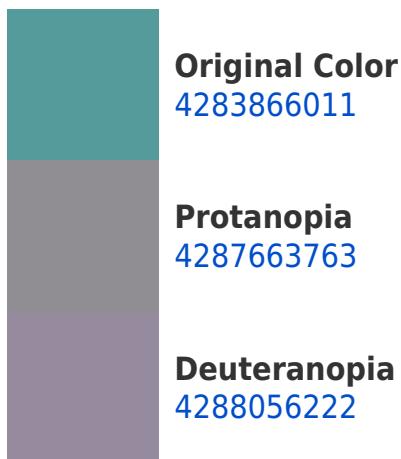


This preview shows how white text looks on a background with the Android color 4283866011.

# 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



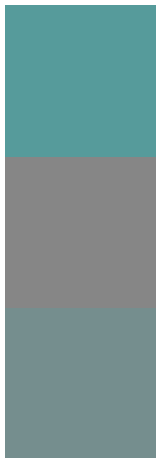
**Original Color**  
4283866011

**Protanomaly**  
4286288790

**Deuteranomaly**  
4286550429

**Tritanomaly**  
4283996834

# Monochromacy



**Original Color**  
4283866011

**Achromatopsia**  
4287006342

**Achromatomaly**  
4285894286

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283866011 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(86, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(86, 155, 155)  
}
```

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(86, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 155, 155) }
```

## Border

The CSS property to change the border of an element to Android 4283866011 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(86, 155, 155) }
```

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

```
.border{ border-color:rgb(86, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(86, 155,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4283866011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 155, 155) }
```

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

```
.background{ background-color: rgb(86, 155,  
155) }
```

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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