

# Converting Colors

Android(4285970101)

Have a look what the booklet for  
Android(4285970101) contains.

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# **Color**

**Android(4285970101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B6B5
RGB	118, 182, 181
RGB Percent	46%, 71%, 71%
CMY	0.5373, 0.2863, 0.2902
CMYK	0.35, 0.00, 0.01, 0.29
HSL	179°, 30%, 59%
HSV	179°, 35%, 71%
XYZ	32.5397, 40.6436, 49.8460
YIQ	162.7500, -37.8230, -13.8790

# Conversions

## Conversions Part 2

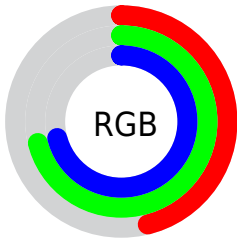
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 150, 182
Decimal	7780021
CIELab	69.93, -20.59, -5.99
CIELCh	70, 21.444, 196.233
Yxy	40.6436, 0.2645, 0.3304
Android (android.graphics.Color)	4285970101 (0xFF76B6B5)
YUV	162.7500, 8.9972, -39.2458
Hunter-Lab	63.7524, -20.4590, -1.7304

# Details

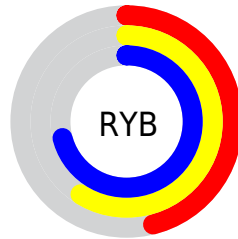
The Android color `4285970101` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4290147959`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4289588973`, and `4282483072` is the 20% darker color. If you saturate the color by 10%, you get `4284790453`, and if you desaturate by 10%, it is `4287149749`.

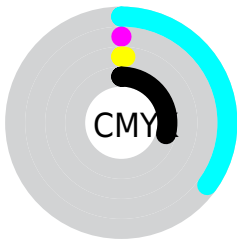
# Distribution



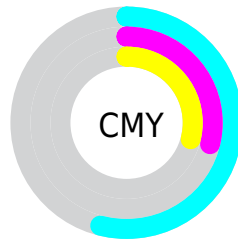
- Red (46%)
- Green (71%)
- Blue (71%)



- Red (46%)
- Yellow (59%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285970101 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 4285970101 by changing the saturation by 10% instead.





4285970101



4285970101

4294967295



4284193690



4289588973



4282483072



4291428351



4280641639



4293328895



4278275919



4278204472



4278199075



4278190350



4278190080



4285970101



4285970101

 4284790453


 4287149749

 4283610804

 4288329398

 4282365620

 4289574582

 4281185972

 4290754230

 4280006324

 4291933878

 4278826675

 4293113527

 4278236851

 4294293175

 4294948535

 4294948536

# Harmonies

## Analogous

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



4286887329



4285970101



4286035142

# Triad

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



4285970101



4290486982



4290946949

# Complementary

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



4285970101



4290147959

# 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.



4291797392



4285970101



4291600053

# Square

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



4285970101



4288850384



4292058529



4289703301

# Rectangle

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



4285970101



4286689742



4292058529



4291273864



# Sweetspot

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



4285970101



4292079085



4286035574



4285036664



4294440951



4286085240



# Same Dimension

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



4285970101



4287294956



4285962166



4283653212



4278230169



4278197276



# Inverse Universe

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



4290147959



4293757579



4290155894



4284240723



4288413698

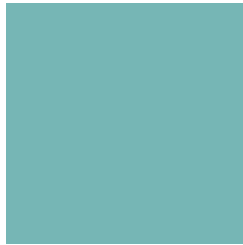


4280025088



# Previews

## White Background



This preview shows how the Android color 4285970101 looks on a white background.

## Color Contrast Check

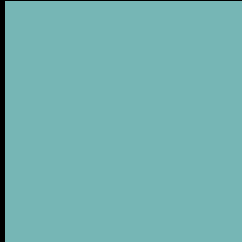
Large Text (above 18pt) WCAG AA × Fail

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 4285970101 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 4285970101 Background



This preview shows how black text looks on a background with the Android color 4285970101.



This preview shows how white text looks on a background with the Android color 4285970101.

# 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



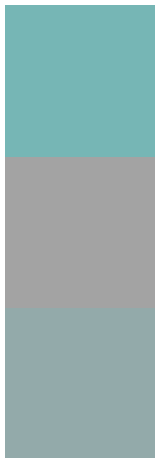
**Original Color**  
4285970101

**Protanomaly**  
4288196272

**Deuteranomaly**  
4288523192

**Tritanomaly**  
4286100925

# Monochromacy



**Original Color**  
4285970101

**Achromatopsia**  
4288914339

**Achromatomaly**  
4287867562

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285970101 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(118, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(118, 182, 181)  
}
```

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(118, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 182, 181) }
```

## Border

The CSS property to change the border of an element to Android 4285970101 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(118, 182, 181) }
```

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

```
.border{ border-color:rgb(118, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 182, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 182, 181); box-shadow:4px 4px 4px 4px rgb(118, 182, 181) }
```

# Background

The CSS property to change the background color of an element to Android 4285970101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 182, 181) }
```

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

```
.background{ background-color: rgb(118,  
182, 181) }
```

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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