

# Converting Colors

Android(4286440101)

Have a look what the booklet for  
Android(4286440101) contains.

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# **Color**

**Android(4286440101)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7DE2A5
RGB	125, 226, 165
RGB Percent	49%, 89%, 65%
CMY	0.5098, 0.1137, 0.3529
CMYK	0.45, 0.00, 0.27, 0.11
HSL	144°, 64%, 69%
HSV	144°, 45%, 89%
XYZ	42.4453, 61.4693, 45.2250
YIQ	188.8470, -40.6150, -40.3830

# Conversions

## Conversions Part 2

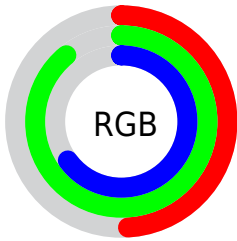
Format	Color
<a href="#">RYB</a>	<a href="#">125, 197, 226</a>
Decimal	<a href="#">8250021</a>
CIELab	<a href="#">82.63, -42.95, 20.83</a>
CIElCh	<a href="#">83, 47.736, 154.129</a>
Yxy	<a href="#">61.4693, 0.2846, 0.4122</a>
Android (android.graphics.Color)	<a href="#">4286440101 (0xFF7DE2A5)</a>
YUV	<a href="#">188.8470, -11.7566, -55.9938</a>
Hunter-Lab	<a href="#">78.4024, -40.5681, 20.6813</a>

# Details

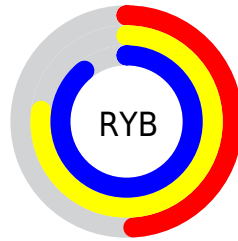
The Android color `4286440101` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4293033402`, and the grayscale version is `4290624957`.

A 20% lighter version of the original color is `4290183132`, and `4282690161` is the 20% darker color. If you saturate the color by 10%, you get `4284932759`, and if you desaturate by 10%, it is `4287947443`.

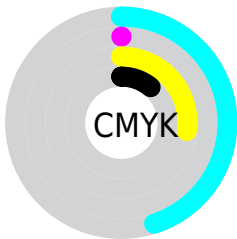
# Distribution



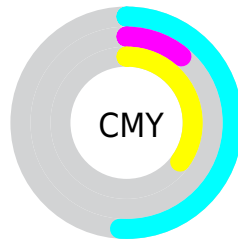
- Red (49%)
- Green (89%)
- Blue (65%)



- Red (49%)
- Yellow (77%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)

















- Cyan (51%)
- Magenta (11%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286440101 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 4286440101 by changing the saturation by 10% instead.



 4286440101	 4286440101
4294967295	 4284597899
 4290183132	 4282690161
 4292083705	 4280520536
 4293984255	 4278220096
	 4278213418
	 4278207252
	 4278201344
	 4278194432
	 4278190080

 4286440101


 4286440101

 4284932759

 4287947443

 4283490954

 4289389248

 4281983612

 4290896590

 4280541806

 4292338396

 4279034465

 4293845737

 4278248026

 4294959863

 4294959871

# Harmonies

## Analogous

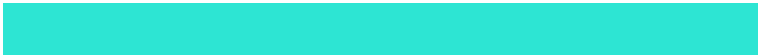
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4290108034



4286440101



4281198035

# Triad

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



4286440101



4287942911



4294946718

# Complementary

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



4286440101



4293033402

# 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.



4294945481



4286440101



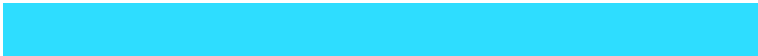
4292526335

# Square

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



4286440101



4281261567



4294947062



4294950270

# Rectangle

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



4286440101



4278248945



4294947062



4294945963

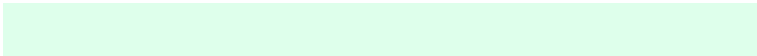


# Sweetspot

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



4286440101



4292804587



4290503293



4285235315



4278190080



4286611584



# Same Dimension

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



4286440101



4285923244



4286440150



4284837993



4278235206



4278202387



# Inverse Universe

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



4293033402



4294931912



4293033353



4285556076



4289724522

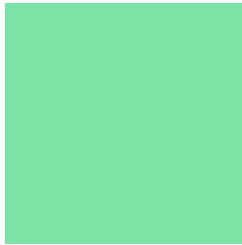


4281335837



# Previews

## White Background



This preview shows how the Android color 4286440101 looks on a white background.

## Color Contrast Check

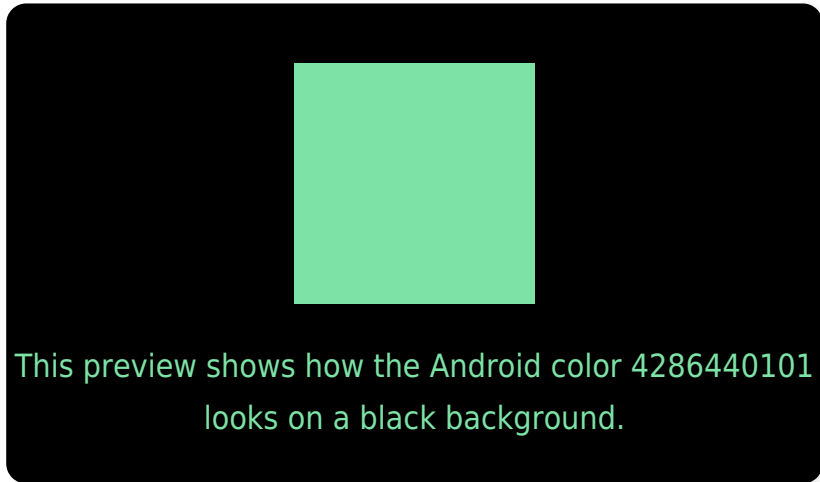
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4286440101 Background



This preview shows how black text looks on a background with the Android color 4286440101.



This preview shows how white text looks on a background with the Android color 4286440101.

# 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**

4286440101



**Protanomaly**

4290368671



**Deuteranomaly**

4291088553



**Tritanomaly**

4287159505

# Monochromacy



**Original Color**

4286440101



**Achromatopsia**

4290624957



**Achromatomaly**

4289120948

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286440101 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(125, 226, 165)` looks like.

```
.text, #text, p{  
    color:rgb(125, 226, 165)  
}
```

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(125, 226, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 226, 165) }
```

## Border

The CSS property to change the border of an element to Android 4286440101 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(125, 226, 165) }
```

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

```
.border{ border-color:rgb(125, 226, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 226, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 226, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 226, 165); box-shadow:4px 4px 4px 4px rgb(125, 226, 165) }
```

# Background

The CSS property to change the background color of an element to Android 4286440101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 226, 165) }
```

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

```
.background{ background-color: rgb(125,  
226, 165) }
```

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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