

# Converting Colors

Android(4282769574)

Have a look what the booklet for  
Android(4282769574) contains.

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# **Color**

**Android(4282769574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45E0A6
RGB	69, 224, 166
RGB Percent	27%, 88%, 65%
CMY	0.7294, 0.1216, 0.3490
CMYK	0.69, 0.00, 0.26, 0.12
HSL	158°, 71%, 57%
HSV	158°, 69%, 88%
XYZ	35.9928, 57.3297, 45.2451
YIQ	171.0430, -73.7620, -50.8980

# Conversions

## Conversions Part 2

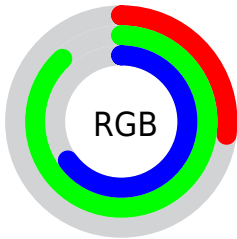
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	69, 164, 224
Decimal	4579494
CIE Lab	80.36, -53.63, 16.90
CIE LCh	80, 56.226, 162.507
Yxy	57.3297, 0.2597, 0.4137
Android (android.graphics.Color)	4282769574 (0xFF45E0A6)
YUV	171.0430, -2.4862, -89.4917
Hunter-Lab	75.7164, -47.6512, 17.5721

# Details

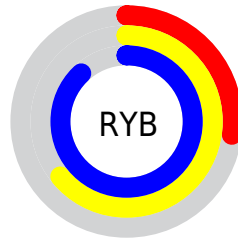
The Android color `4282769574` is a light color, and the websafe version is hex `33CC99`. The color can be described as light muted spring green. A complement of this color would be `4292887935`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4287102941`, and `4278233202` is the 20% darker color. If you saturate the color by 10%, you get `4281327774`, and if you desaturate by 10%, it is `4284211374`.

# Distribution



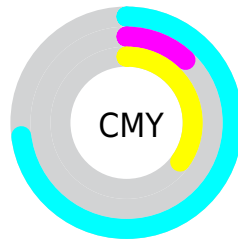
- Red (27%)
- Green (88%)
- Blue (65%)



- Red (27%)
- Yellow (64%)
- Blue (88%)



- Cyan (69%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (73%)
- Magenta (12%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282769574 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 4282769574 by changing the saturation by 10% instead.



 4282769574

 4282769574

4294967295


 4279485324

 4287102941

 4278233202

 4289134586

 4278226009

 4291100671

 4278219330

 4293132287

 4278212651

 4278206230


 4278200576

 4278190592

 4278190080

 4282769574

 4282769574

 4281327774

 4284211374

 4279820437

 4285718711


 4278378637

 4287160511

 4278247564

 4288667848

 4290109648

 4291551448

 4293058785

 4294500585

 4294959345

# Harmonies

## Analogous

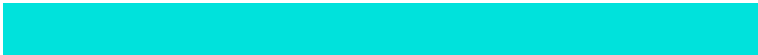
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288141687



4282769574



4278248156

# Triad

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



4282769574



4288136703



4294944643

# Complementary

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



4282769574



4292887935

# 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.



4294941619



4282769574



4293439999

# Square

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



4282769574



4278245119



4294942952



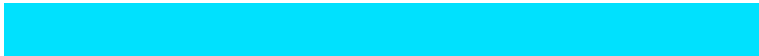
4294949474

# Rectangle

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



4282769574



4278247934



4294942952



4294943378

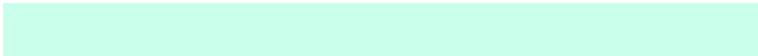


# Sweetspot

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



4282769574



4291428331



4286636101



4284514420



4278190080



4286611584



# Same Dimension

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



4282769574



4281073584



4282765024



4284837996



4278235246



4278202398



# Inverse Universe

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



4292887935



4294912891



4292892485



4285556073



4289724482

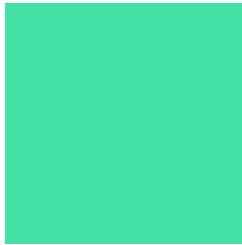


4281335826



# Previews

## White Background



This preview shows how the Android color 4282769574 looks on a white background.

## Color Contrast Check

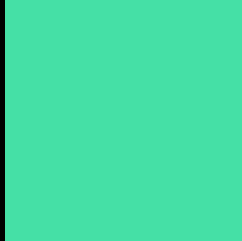
Large Text (above 18pt) WCAG AA × Fail

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 4282769574 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

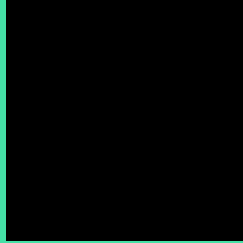
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282769574 Background



This preview shows how black text looks on a background with the Android color 4282769574.

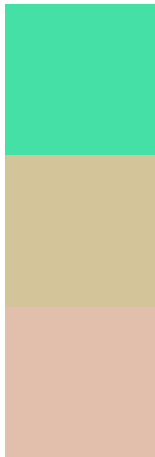


This preview shows how white text looks on a background with the Android color 4282769574.

# 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**  
4282769574

**Protanopia**  
4292068761

**Deuteranopia**  
4293050029



# Trichromacy



**Original Color**

4282769574



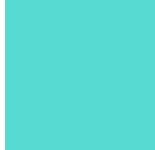
**Protanomaly**

4288663454



**Deuteranomaly**

4289317546



**Tritanomaly**

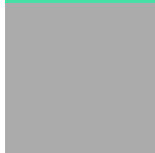
4283947729

# Monochromacy



**Original Color**

4282769574



**Achromatopsia**

4289440683



**Achromatomaly**

4287020713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282769574 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(69, 224, 166)` looks like.

```
.text, #text, p{  
    color:rgb(69, 224, 166)  
}
```

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(69, 224, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 224, 166) }
```

## Border

The CSS property to change the border of an element to Android 4282769574 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(69, 224, 166) }
```

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

```
.border{ border-color:rgb(69, 224, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 224, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 224, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 224, 166);  
box-shadow:4px 4px 4px 4px rgb(69, 224,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4282769574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 224, 166) }
```

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

```
.background{ background-color: rgb(69, 224,  
166) }
```

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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