

# Converting Colors

Android(4282771274)

Have a look what the booklet for  
Android(4282771274) contains.

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# **Color**

**Android(4282771274)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45E74A
RGB	69, 231, 74
RGB Percent	27%, 91%, 29%
CMY	0.7294, 0.0941, 0.7098
CMYK	0.70, 0.00, 0.68, 0.09
HSL	122°, 77%, 59%
HSV	122°, 70%, 91%
XYZ	32.2662, 58.9114, 16.1490
YIQ	164.6640, -46.1550, -83.1710

# Conversions

## Conversions Part 2

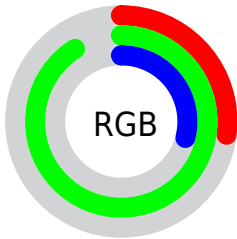
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 226, 231
Decimal	4581194
CIELab	81.24, -70.35, 61.79
CIELCh	81, 93.638, 138.706
Yxy	58.9114, 0.3006, 0.5489
Android (android.graphics.Color)	4282771274 (0xFF45E74A)
YUV	164.6640, -44.6974, -83.8973
Hunter-Lab	76.7538, -59.2803, 41.2530

# Details

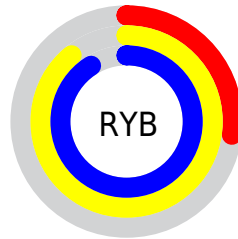
The Android color `4282771274` is a dark color, and the websafe version is hex `66FF66`. The color can be described as dark muted green. A complement of this color would be `4293346786`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4287299458`, and `4278234624` is the 20% darker color. If you saturate the color by 10%, you get `4281263924`, and if you desaturate by 10%, it is `4284278624`.

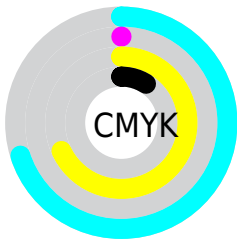
# Distribution



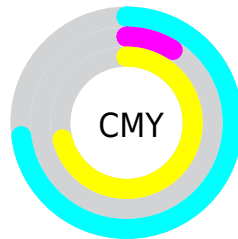
- Red (27%)
- Green (91%)
- Blue (29%)



- Red (27%)
- Yellow (89%)
- Blue (91%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)



- Cyan (73%)
- Magenta (9%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282771274 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 4282771274 by changing the saturation by 10% instead.



 4282771274

 4282771274

4294967295

 4278831660

 4287299458

 4278234624

 4289331102

 4278227456

 4291362746

 4278220544

 4293459927

 4278213888

 4294967284

 4278207488


 4278201088

 4278192384

 4278190080

 4282771274

 4282771274

 4281263924

 4284278624

 4279756573

 4285785975

 4278249223

 4287293325

 4288800676

 4290373562

 4291880912

 4293388263

 4294895613

 4294961151

# Harmonies

## Analogous

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



4290696704



4282771274



4278251428

# Triad

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



4282771274



4278247167



4294930071

# Complementary

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



4282771274



4293346786

# 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.



4294930415



4282771274



4286038527

# Square

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



4282771274



4278251007



4294940671



4294939461

# Rectangle

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



4282771274



4278252002



4294940671



4294928564

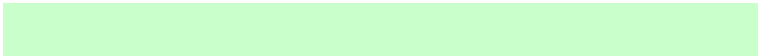


# Sweetspot

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



4282771274



4291428299



4293191493



4284514401



4278190080



4286611584



# Same Dimension

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



4282771274



4280942383



4282771353



4284969832



4278235910



4278203138



# Inverse Universe

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



4293346786



4294912504



4293346707



4285753202



4289921197

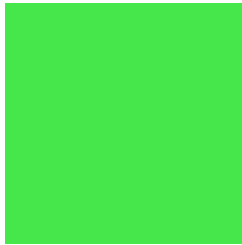


4281532465



# Previews

## White Background



This preview shows how the Android color 4282771274 looks on a white background.

## Color Contrast Check

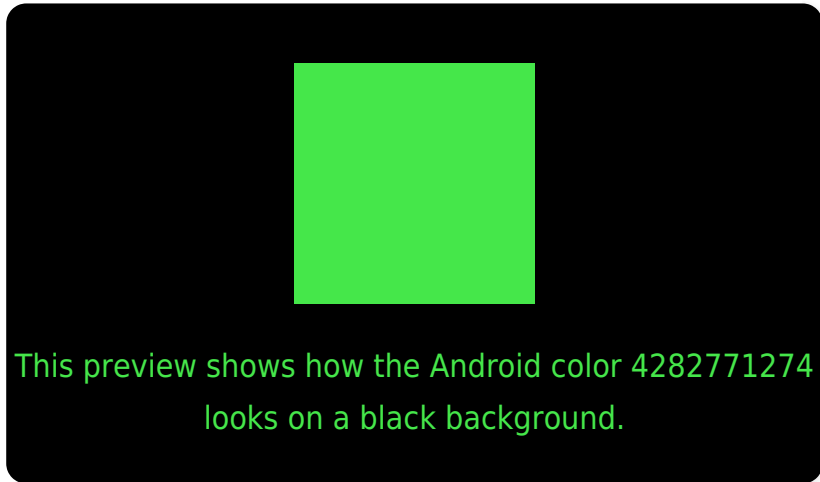
Large Text (above 18pt) WCAG AA × Fail

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 4282771274 Background



This preview shows how black text looks on a background with the Android color 4282771274.

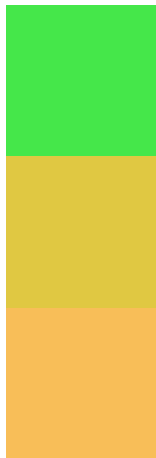


This preview shows how white text looks on a background with the Android color 4282771274.

# 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**  
4282771274

**Protanopia**  
4292921410

**Deuteranopia**  
4294491736



# Trichromacy



**Original Color**

4282771274



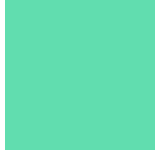
**Protanomaly**

4289254213



**Deuteranomaly**

4290235731



**Tritanomaly**

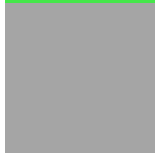
4284603823

# Monochromacy



**Original Color**

4282771274



**Achromatopsia**

4289045925



**Achromatomaly**

4286758276

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282771274 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, 231, 74)` looks like.

```
.text, #text, p{  
    color:rgb(69, 231, 74)  
}
```

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, 231, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 231, 74) }
```

## Border

The CSS property to change the border of an element to Android 4282771274 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, 231, 74) }
```

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

```
.border{ border-color:rgb(69, 231, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 231, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 231, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 231, 74);  
box-shadow:4px 4px 4px 4px rgb(69, 231,  
74) }
```

# Background

The CSS property to change the background color of an element to Android 4282771274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 231, 74) }
```

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

```
.background{ background-color: rgb(69, 231,  
74) }
```

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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