

Converting Colors

Android(4282574172)

Have a look what the booklet for
Android(4282574172) contains.

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Color

Android(4282574172)

Conversions

Conversions Part 1

Format	Color
Hex	42E55C
RGB	66, 229, 92
RGB Percent	26%, 90%, 36%
CMY	0.7412, 0.1020, 0.6392
CMYK	0.71, 0.00, 0.60, 0.10
HSL	130°, 76%, 58%
HSV	130°, 71%, 90%
XYZ	32.1978, 57.9696, 19.6175
YIQ	164.6450, -53.1710, -77.1630

Conversions

Conversions Part 2

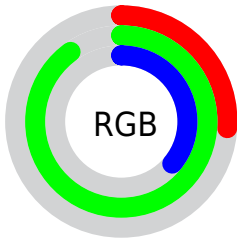
Format	Color
RYB	66, 207, 229
Decimal	4384092
CIELab	80.72, -68.35, 53.80
CIELCh	81, 86.988, 141.793
Yxy	57.9696, 0.2933, 0.5280
Android (android.graphics.Color)	4282574172 (0xFF42E55C)
YUV	164.6450, -35.8140, -86.5117
Hunter-Lab	76.1378, -57.7553, 38.0199

Details

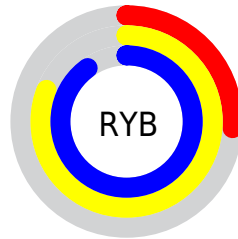
The Android color `4282574172` is a dark color, and the websafe version is hex `66FF66`. The color can be described as dark muted green. A complement of this color would be `4293214923`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4287102866`, and `4278234149` is the 20% darker color. If you saturate the color by 10%, you get `4281066825`, and if you desaturate by 10%, it is `4284081519`.

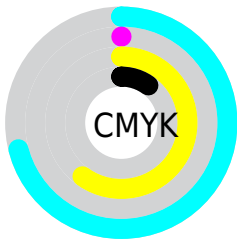
Distribution



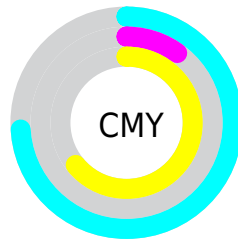
- Red (26%)
- Green (90%)
- Blue (36%)



- Red (26%)
- Yellow (81%)
- Blue (90%)



- Cyan (71%)
- Magenta (0%)
- Yellow (60%)
- Black (10%)



- Cyan (74%)
- Magenta (10%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282574172 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 4282574172 by changing the saturation by 10% instead.

 4282574172

 4282574172

4294967295


 4278306881

 4287102866

 4278234149

 4289134510

 4278226944

 4291166154

 4278220288

 4293197799

 4278213376

 4278206976


 4278200832


 4278191360

 4278190080

 4282574172

 4282574172

 4281066825

 4284081519

 4279559478


 4285588866

 4278248741

 4287096214

 4288603561

 4290110908

 4291552719

 4293060067

 4294567414

 4294960639

Harmonies

Analogous

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



4290172416



4282574172



4278250671

Triad

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



4282574172



4278245887



4294933137

Complementary

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



4282574172



4293214923

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.



4294932194



4282574172



4288199935

Square

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



4282574172



4278249727



4294940415



4294941255

Rectangle

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



4282574172



4278251239



4294940415



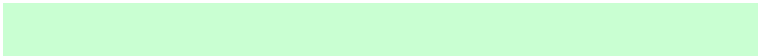
4294931628

Sweetspot

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



4282574172



4291428306



4291683650



4284514405



4278190080



4286611584

Same Dimension

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



4282574172



4280745801



4282574252



4284969833



4278235932



4278203144

Inverse Universe

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



4293214923



4294911708



4293214843



4285753201



4289921174



4281532459

Previews

White Background



This preview shows how the Android color 4282574172 looks on a white background.

Color Contrast Check

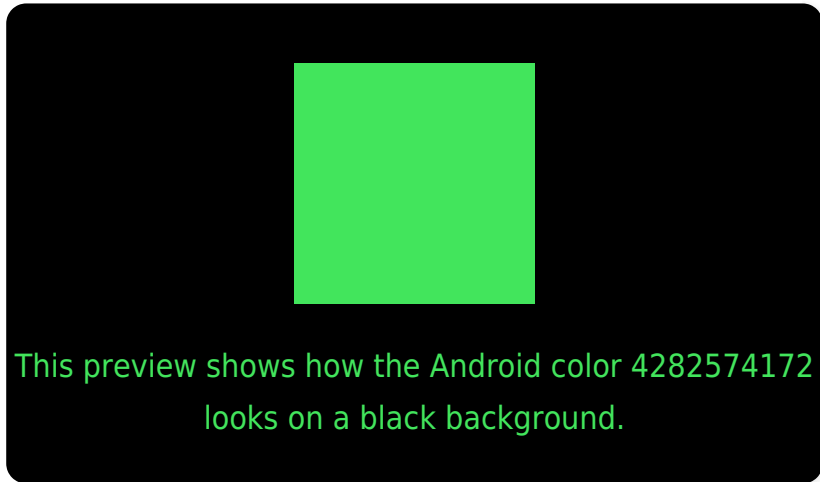
Large Text (above 18pt) WCAG AA × Fail

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 4282574172 Background



This preview shows how black text looks on a background with the Android color 4282574172.



This preview shows how white text looks on a background with the Android color 4282574172.

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

4282574172



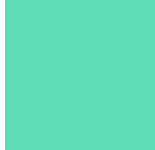
Protanomaly

4289057366



Deuteranomaly

4289973347



Tritanomaly

4284341429

Monochromacy



Original Color

4282574172



Achromatopsia

4289045925



Achromatomaly

4286692490

CSS Examples

Text

The CSS property to change the color of the text to Android 4282574172 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(66, 229, 92)` looks like.

```
.text, #text, p{  
    color:rgb(66, 229, 92)  
}
```

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(66, 229, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 229, 92) }
```

Border

The CSS property to change the border of an element to Android 4282574172 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(66, 229, 92) }
```

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

```
.border{ border-color:rgb(66, 229, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 229, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 229, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 229, 92);  
box-shadow:4px 4px 4px 4px rgb(66, 229,  
92) }
```

Background

The CSS property to change the background color of an element to Android 4282574172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 229, 92) }
```

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

```
.background{ background-color: rgb(66, 229,  
92) }
```

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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