

Converting Colors

Android(4282106974)

Have a look what the booklet for
Android(4282106974) contains.

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Color

Android(4282106974)

Conversions

Conversions Part 1

Format	Color
Hex	3BC45E
RGB	59, 196, 94
RGB Percent	23%, 77%, 37%
CMY	0.7686, 0.2314, 0.6314
CMYK	0.70, 0.00, 0.52, 0.23
HSL	135°, 54%, 50%
HSV	135°, 70%, 77%
XYZ	23.5639, 41.2178, 17.3036
YIQ	143.4090, -48.9100, -60.7660

Conversions

Conversions Part 2

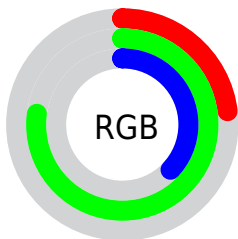
Format	Color
RYB	59, 168, 196
Decimal	3916894
CIELab	70.33, -58.00, 40.51
CIELCh	70, 70.747, 145.068
Yxy	41.2178, 0.2871, 0.5021
Android (android.graphics.Color)	4282106974 (0xFF3BC45E)
YUV	143.4090, -24.3586, -74.0267
Hunter-Lab	64.2011, -46.8365, 28.9609

Details

The Android color **4282106974** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **4291050401**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4286316178**, and **4278226220** is the 20% darker color. If you saturate the color by 10%, you get **4280796239**, and if you desaturate by 10%, it is **4283417709**.

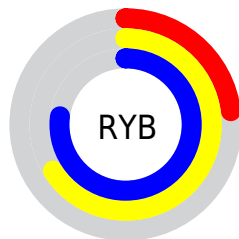
Distribution



Red (23%)

Green (77%)

Blue (37%)



Red (23%)

Yellow (66%)

Blue (77%)

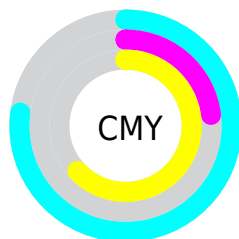


Cyan (70%)

Magenta (0%)

Yellow (52%)

Black (23%)



Cyan (77%)

Magenta (23%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282106974 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 4282106974 by changing the saturation by 10% instead.



4282106974



4282106974

4294967295



4278495301



4286316178



4278226220



4288282542



4278219281



4290248649



4278212864



4292214758



4278206464



4294180863



4278200576



4278190592



4278190080



4282106974



4282106974

■ 4280796239

■ 4283417709

■ 4279551041

■ 4284662907

■ 4278240306

■ 4285973642

■ 4287218840

■ 4288529575

■ 4289840310

■ 4291085508

■ 4292396243

■ 4293641441

Harmonies

Analogous

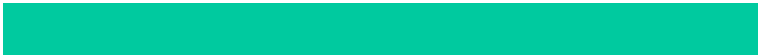
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288198695



4282106974



4278241951

Triad

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



4282106974



4278237183



4294931321

Complementary

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



4282106974



4291050401

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.



4294930105



4282106974



4288192511

Square

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



4282106974



4278240511



4293886967



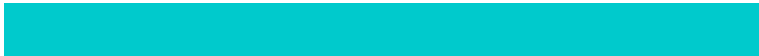
4294937409

Rectangle

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



4282106974



4278241996



4293886967



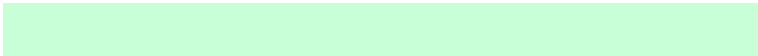
4294930062

Sweetspot

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



4282106974



4291428311



4288857147



4284514408



4278190080



4286611584

Same Dimension

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



4282106974



4280942432



4282107042



4283916634



4278231337



4278198536

Inverse Universe

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



4291050401



4294912456



4291050333



4284569438



4288741496



4280352793

Previews

White Background



This preview shows how the Android color 4282106974 looks on a white background.

Color Contrast Check

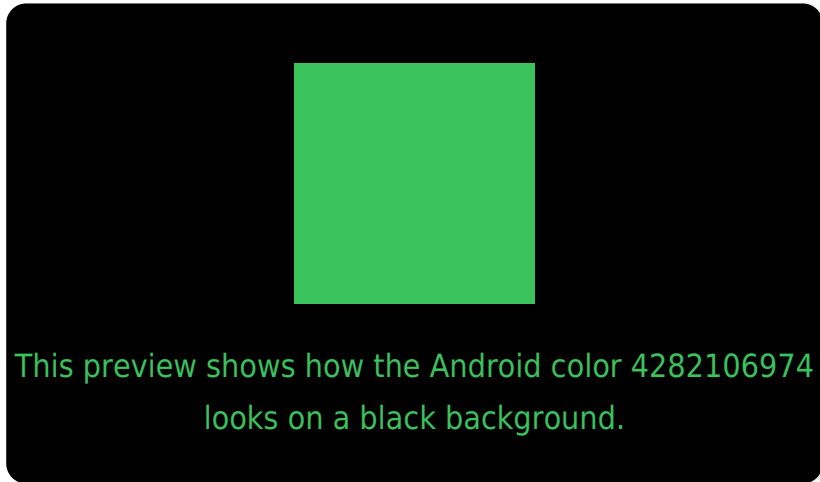
Large Text (above 18pt) WCAG AA × Fail

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 4282106974 Background



This preview shows how black text looks on a background with the Android color 4282106974.



This preview shows how white text looks on a background with the Android color 4282106974.

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

4282106974



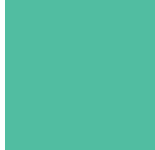
Protanomaly

4287476824



Deuteranomaly

4288261988



Tritanomaly

4283547041

Monochromacy



Original Color

4282106974



Achromatopsia

4287598479



Achromatomaly

4285571709

CSS Examples

Text

The CSS property to change the color of the text to Android 4282106974 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(59, 196, 94)` looks like.

```
.text, #text, p{  
    color:rgb(59, 196, 94)  
}
```

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(59, 196, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 196, 94) }
```

Border

The CSS property to change the border of an element to Android 4282106974 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(59, 196, 94) }
```

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

```
.border{ border-color:rgb(59, 196, 94) }
```

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

Here you see how a box with a 4 pixel rgb(59, 196, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 196, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 196, 94);  
box-shadow:4px 4px 4px 4px rgb(59, 196,  
94) }
```

Background

The CSS property to change the background color of an element to Android 4282106974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 196, 94) }
```

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

```
.background{ background-color: rgb(59, 196,  
94) }
```

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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