

Converting Colors

Android(4282837839)

Have a look what the booklet for
Android(4282837839) contains.

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Color

Android(4282837839)

Conversions

Conversions Part 1

Format	Color
Hex	46EB4F
RGB	70, 235, 79
RGB Percent	27%, 92%, 31%
CMY	0.7255, 0.0784, 0.6902
CMYK	0.70, 0.00, 0.66, 0.08
HSL	123°, 80%, 60%
HSV	123°, 70%, 92%
XYZ	33.6454, 61.2833, 17.4527
YIQ	167.8810, -48.2640, -83.4960

Conversions

Conversions Part 2

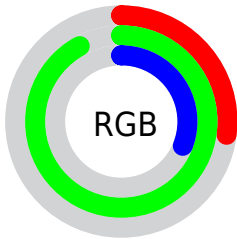
Format	Color
RYB	70, 226, 235
Decimal	4647759
CIELab	82.53, -71.00, 61.24
CIELCh	83, 93.764, 139.223
Yxy	61.2833, 0.2994, 0.5453
Android (android.graphics.Color)	4282837839 (0xFF46EB4F)
YUV	167.8810, -43.8183, -85.8416
Hunter-Lab	78.2836, -60.2791, 41.5803

Details

The Android color **4282837839** 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 **4293609186**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4287364998**, and **4278235659** is the 20% darker color. If you saturate the color by 10%, you get **4281330489**, and if you desaturate by 10%, it is **4284410725**.

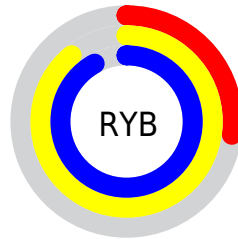
Distribution



Red (27%)

Green (92%)

Blue (31%)



Red (27%)

Yellow (89%)

Blue (92%)

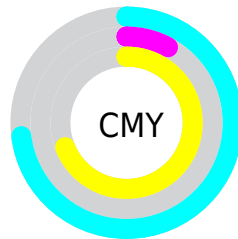


Cyan (70%)

Magenta (0%)

Yellow (66%)

Black (8%)



Cyan (73%)

Magenta (8%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282837839 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 4282837839 by changing the saturation by 10% instead.

 4282837839

 4282837839

4294967295


 4278898226

 4287364998

 4278235659

 4289462178

 4278228480

 4291493823

 4278221568

 4293525468

 4278214656

 4294967289

 4278208256


 4278202112

 4278194176

 4278190080

 4282837839

 4282837839

 4281330489

 4284410725

 4279757603

 4285918075

 4278250253

 4287490962

 4288998312

 4290505662

 4292078548

 4293651435

 4294962175

Harmonies

Analogous

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



4290828800



4282837839



4278252457

Triad

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



4282837839



4278247935



4294931097

Complementary

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



4282837839



4293609186

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.



4294931185



4282837839



4286629119

Square

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



4282837839



4278251775



4294941439



4294940487

Rectangle

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



4282837839



4278253031



4294941439



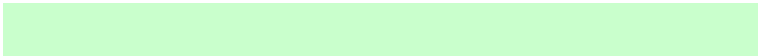
4294929590

Sweetspot

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



4282837839



4291428300



4293126982



4284514401



4278190080



4286611584

Same Dimension

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



4282837839



4280942388



4282837921



4285166954



4278236426



4278203907

Inverse Universe

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



4293609186



4294912499



4293609104



4285885045



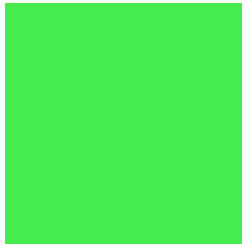
4290052267



4281729075

Previews

White Background



This preview shows how the Android color 4282837839 looks on a white background.

Color Contrast Check

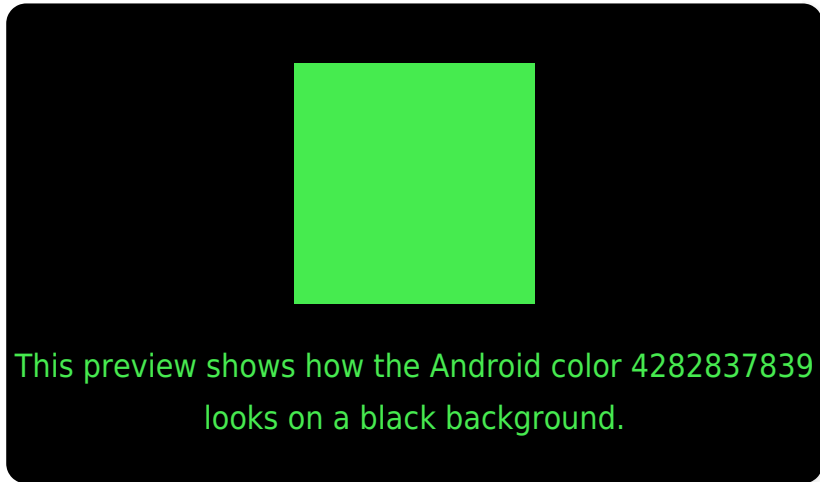
Large Text (above 18pt) WCAG AA × Fail

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

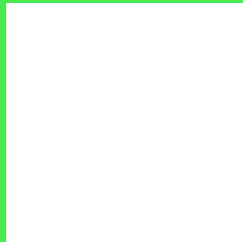
Any Text WCAG AAA ✓ Pass

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

Android 4282837839 Background



This preview shows how black text looks on a background with the Android color 4282837839.

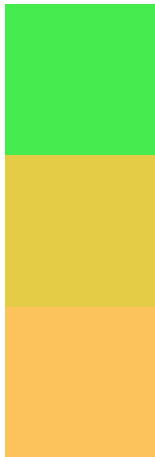


This preview shows how white text looks on a background with the Android color 4282837839.

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
4282837839

Protanopia
4293184582

Deuteranopia
4294754908

Trichromacy



Original Color

4282837839



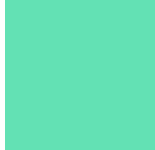
Protanomaly

4289451849



Deuteranomaly

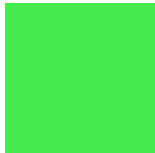
4290433367



Tritanomaly

4284735924

Monochromacy



Original Color

4282837839



Achromatopsia

4289243304



Achromatomaly

4286890120

CSS Examples

Text

The CSS property to change the color of the text to Android 4282837839 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(70, 235, 79)` looks like.

```
.text, #text, p{  
    color:rgb(70, 235, 79)  
}
```

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(70, 235, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 235, 79) }
```

Border

The CSS property to change the border of an element to Android 4282837839 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(70, 235, 79) }
```

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

```
.border{ border-color:rgb(70, 235, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 235, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 235, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 235, 79);  
box-shadow:4px 4px 4px 4px rgb(70, 235,  
79) }
```

Background

The CSS property to change the background color of an element to Android 4282837839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 235, 79) }
```

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

```
.background{ background-color: rgb(70, 235,  
79) }
```

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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