

Converting Colors

Android(4282435896)

Have a look what the booklet for
Android(4282435896) contains.

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Color

Android(4282435896)

Conversions

Conversions Part 1

Format	Color
Hex	40C938
RGB	64, 201, 56
RGB Percent	25%, 79%, 22%
CMY	0.7490, 0.2118, 0.7804
CMYK	0.68, 0.00, 0.72, 0.21
HSL	117°, 57%, 50%
HSV	117°, 72%, 79%
XYZ	23.7148, 43.1488, 10.8200
YIQ	143.5070, -35.1070, -74.1390

Conversions

Conversions Part 2

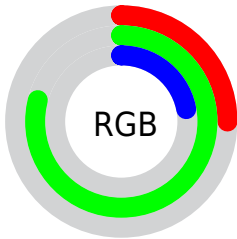
Format	Color
RYB	56, 201, 193
Decimal	4245816
CIELab	71.66, -63.05, 58.49
CIELCh	72, 86.008, 137.149
Yxy	43.1488, 0.3053, 0.5554
Android (android.graphics.Color)	4282435896 (0xFF40C938)
YUV	143.5070, -43.1410, -69.7276
Hunter-Lab	65.6877, -50.5109, 36.2152

Details

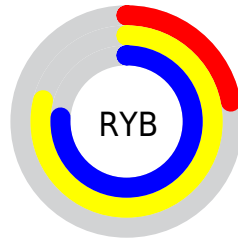
The Android color **4282435896** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **4290853065**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4286709615**, and **4278227456** is the 20% darker color. If you saturate the color by 10%, you get **4281190692**, and if you desaturate by 10%, it is **4283681100**.

Distribution



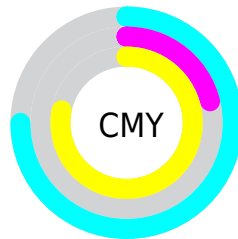
- Red (25%)
- Green (79%)
- Blue (22%)



- Red (22%)
- Yellow (79%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (72%)
- Black (21%)



- Cyan (75%)
- Magenta (21%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282435896 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 4282435896 by changing the saturation by 10% instead.

 4282435896

 4282435896

4294967295

 4279020824

 4286709615

 4278227456

 4288741259

 4278220544

 4290707367

 4278213888

 4292673475

 4278207488

 4294705120

 4278201344

4294967293

 4278192896

 4278190080

 4282435896

 4282435896

■ 4281190692

■ 4283681100

■ 4279945488

■ 4284926304

■ 4278962432

■ 4286171508

■ 4287416712

■ 4288661917

■ 4289907121

■ 4291152325

■ 4292397529

■ 4293642733

Harmonies

Analogous

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



4289247744



4282435896



4278243722

Triad

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



4282435896



4278240255



4294925190

Complementary

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



4282435896



4290853065

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.



4294926037



4282435896



4283804159

Square

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



4282435896



4278243327



4293559551



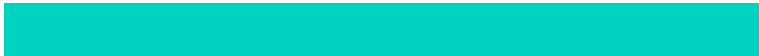
4294933564

Rectangle

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



4282435896



4278244289



4293559551



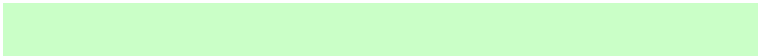
4294923936

Sweetspot

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



4282435896



4291493831



4291411768



4284514398



4278190080



4286611584

Same Dimension

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



4282435896



4281204513



4281911671



4284113754



4278821632



4278330368

Inverse Universe

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



4290853065



4294124031



4291377290



4284701283



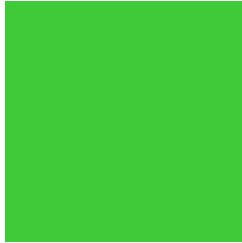
4288282787



4280418340

Previews

White Background



This preview shows how the Android color 4282435896 looks on a white background.

Color Contrast Check

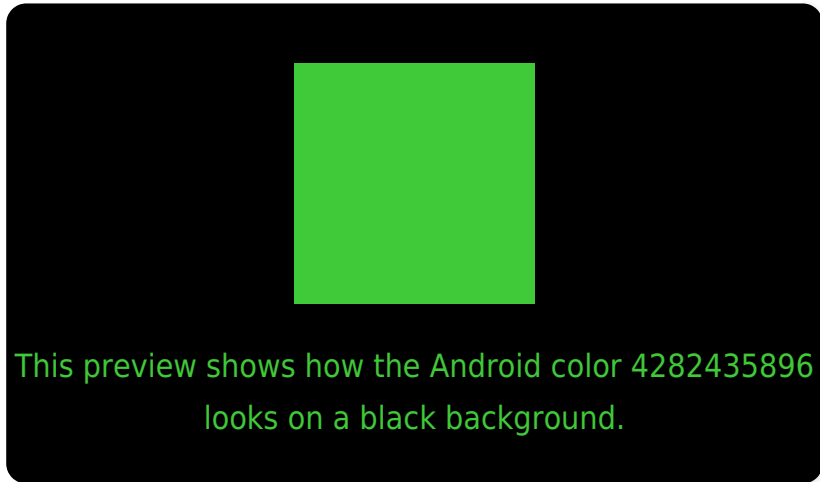
Large Text (above 18pt) WCAG AA × Fail

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 4282435896 Background



This preview shows how black text looks on a background with the Android color 4282435896.



This preview shows how white text looks on a background with the Android color 4282435896.

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

4282435896



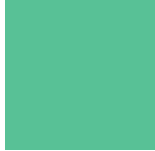
Protanomaly

4287871028



Deuteranomaly

4288787008



Tritanomaly

4284006806

Monochromacy



Original Color

4282435896



Achromatopsia

4287664272



Achromatomaly

4285769072

CSS Examples

Text

The CSS property to change the color of the text to Android 4282435896 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(64, 201, 56)` looks like.

```
.text, #text, p{  
    color:rgb(64, 201, 56)  
}
```

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(64, 201, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 201, 56) }
```

Border

The CSS property to change the border of an element to Android 4282435896 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(64, 201, 56) }
```

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

```
.border{ border-color:rgb(64, 201, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 201, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 201, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 201, 56);  
box-shadow:4px 4px 4px 4px rgb(64, 201,  
56) }
```

Background

The CSS property to change the background color of an element to Android 4282435896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 201, 56) }
```

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

```
.background{ background-color: rgb(64, 201,  
56) }
```

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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