

Converting Colors

Android(4282712375)

Have a look what the booklet for
Android(4282712375) contains.

Android(4282712375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282712375)

Conversions

Conversions Part 1

Format	Color
Hex	450137
RGB	69, 1, 55
RGB Percent	27%, 0%, 22%
CMY	0.7294, 0.9961, 0.7843
CMYK	0.00, 0.99, 0.20, 0.73
HSL	312°, 97%, 14%
HSV	312°, 99%, 27%
XYZ	3.1547, 1.5628, 3.7498
YIQ	27.4880, 23.1940, 31.2100

Conversions

Conversions Part 2

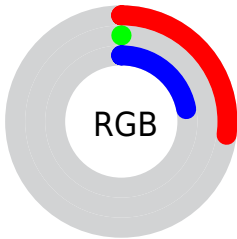
Format	Color
RYB	69, 1, 55
Decimal	4522295
CIELab	13.00, 35.68, -15.07
CIElCh	13, 38.729, 337.106
Yxy	1.5628, 0.3726, 0.1846
Android (android.graphics.Color)	4282712375 (0xFF450137)
YUV	27.4880, 13.5634, 36.4060
Hunter-Lab	12.5010, 23.1685, -9.0339

Details

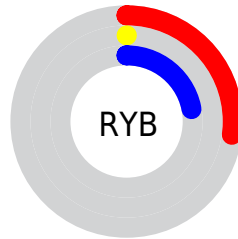
The Android color **4282712375** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278273295**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4286068070**, and **4278910984** is the 20% darker color. If you saturate the color by 10%, you get **4282712119**, and if you desaturate by 10%, it is **4282714168**.

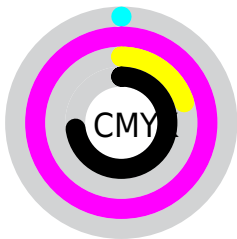
Distribution



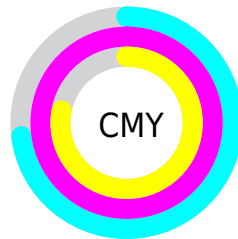
- Red (27%)
- Green (0%)
- Blue (22%)



- Red (27%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (99%)
- Yellow (20%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282712375 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 4282712375 by changing the saturation by 10% instead.

 4282712375

 4282712375

 4294963455

 4281204770

 4286068070

 4278910984

 4287843967

 4278190080

 4289619865

 4291461556

 4293369040

 4294948844

 4294956031

 4282712375

 4282712375

■ 4282712119

■ 4282714168

■ 4282715962

■ 4282717755

■ 4282719549

■ 4282721086

■ 4282722880

■ 4282724673

■ 4282726466

■ 4282728260

Harmonies

Analogous

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



4280751693



4282712375



4283367453

Triad

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



4282712375



4280623872



4278201410

Complementary

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



4282712375



4278273295

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.



4278201639



4282712375



4278593536

Square

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



4282712375



4282062848



4278201352



4278200916

Rectangle

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



4282712375



4283236359



4278201352



4278201658

Sweetspot

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



4282712375



4284038740



4279173445



4281212202



4289572269



4281216558

Same Dimension

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



4282712375



4284022855



4282712341



4280557603



4284678223



4293066932

Inverse Universe

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



4282712375



4284022855



4278273329



4280557603



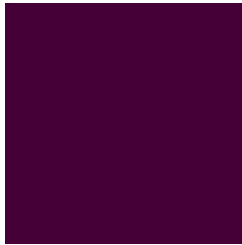
4284678223



4293066932

Previews

White Background



This preview shows how the Android color 4282712375 looks on a white background.

Color Contrast Check

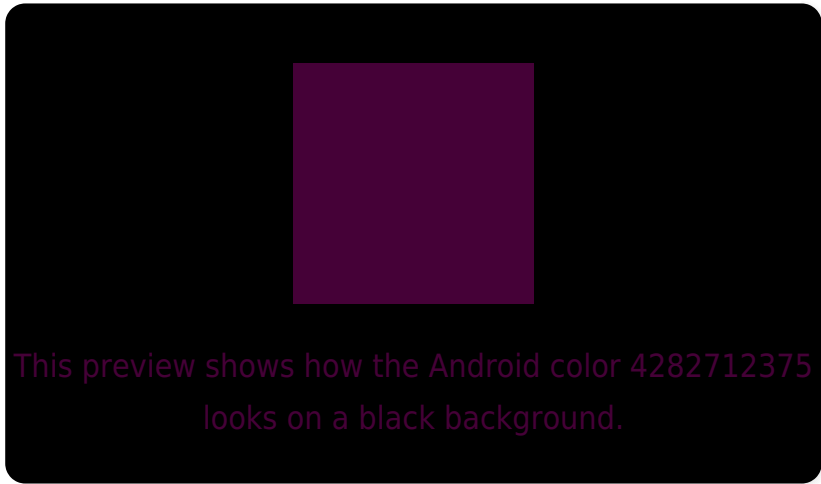
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

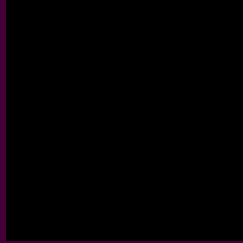
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4282712375 Background



This preview shows how black text looks on a background with the Android color 4282712375.



This preview shows how white text looks on a background with the Android color 4282712375.

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

4282712375

Protanopia

4278199374

Deuteranopia

4280427828

Trichromacy



Original Color
4282712375

Protanomaly
4279834438

Deuteranomaly
4281276469

Tritanomaly
4282584611

Monochromacy



Original Color
4282712375

Achromatopsia
4279966491

Achromatomaly
4280947237

CSS Examples

Text

The CSS property to change the color of the text to Android 4282712375 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, 1, 55)` looks like.

```
.text, #text, p{  
    color:rgb(69, 1, 55)  
}
```

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, 1, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 1, 55) }
```

Border

The CSS property to change the border of an element to Android 4282712375 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, 1, 55) }
```

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

```
.border{ border-color:rgb(69, 1, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 1, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 1, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 1, 55); box-shadow:4px  
4px 4px 4px rgb(69, 1, 55) }
```

Background

The CSS property to change the background color of an element to Android 4282712375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 1, 55) }
```

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

```
.background{ background-color: rgb(69, 1,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor