

Converting Colors

Android(4280421451)

Have a look what the booklet for
Android(4280421451) contains.

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Color

Android(4280421451)

Conversions

Conversions Part 1

Format	Color
Hex	220C4B
RGB	34, 12, 75
RGB Percent	13%, 5%, 29%
CMY	0.8667, 0.9529, 0.7059
CMYK	0.55, 0.84, 0.00, 0.71
HSL	261°, 72%, 17%
HSV	261°, 84%, 29%
XYZ	2.0612, 1.1110, 6.7624
YIQ	25.7600, -7.1110, 24.2570

Conversions

Conversions Part 2

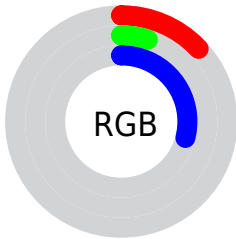
Format	Color
RYB	34, 12, 75
Decimal	2231371
CIELab	9.88, 27.86, -34.58
CIElCh	10, 44.405, 308.863
Yxy	1.1110, 0.2075, 0.1118
Android (android.graphics.Color)	4280421451 (0xFF220C4B)
YUV	25.7600, 24.2753, 7.2265
Hunter-Lab	10.5405, 16.4591, -30.6600




Details

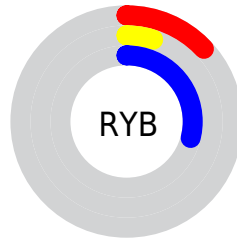
The Android color **4280421451** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4281682700**, and the grayscale version is **4279900698**.




A 20% lighter version of the original color is **4283709565**, and **4278190622** is the 20% darker color. If you saturate the color by 10%, you get **4280091979**, and if you desaturate by 10%, it is **4280751179**.

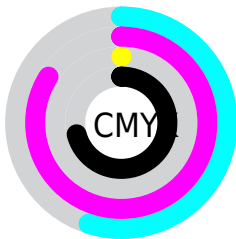
Distribution







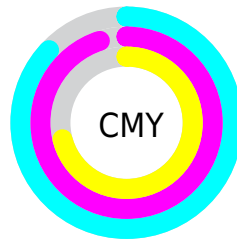
-  Red (13%)
-  Green (5%)
-  Blue (29%)






-  Red (13%)
-  Yellow (5%)
-  Blue (29%)



-  Cyan (55%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (87%)
-  Magenta (95%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280421451 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 4280421451 by changing the saturation by 10% instead.

 4280421451

 4280421451

 4294963199

 4279304244

 4283709565

 4278190622

 4285354135

 4278190080

 4287129778

 4288905677

 4290682090

 4292589567

 4294497023

 4280421451

 4280421451

■ 4280091979

■ 4280751179

■ 4279894091

■ 4281080651

■ 4281410379

■ 4281739851

■ 4282003787

■ 4282333515

■ 4282663243

■ 4282992715

■ 4283322443

Harmonies

Analogous

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



4278197592



4280421451



4282581042

Triad

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



4280421451



4281602304



4278200356

Complementary

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



4280421451



4281682700

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.



4278200064



4280421451



4279966976

Square

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



4280421451



4282712064



4278199296



4278200385

Rectangle

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



4280421451



4283105310



4278199296



4278200345

Sweetspot

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



4280421451



4283517281



4278990411



4280754736



4289769648



4281348144

Same Dimension

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



4280421451



4280418401



4282453067



4280558118



4280549478



4283433190

Inverse Universe

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



4283108405



4284547135



4279651084



4280689189



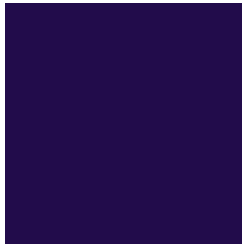
4284874818



4293263509

Previews

White Background



This preview shows how the Android color 4280421451 looks on a white background.

Color Contrast Check

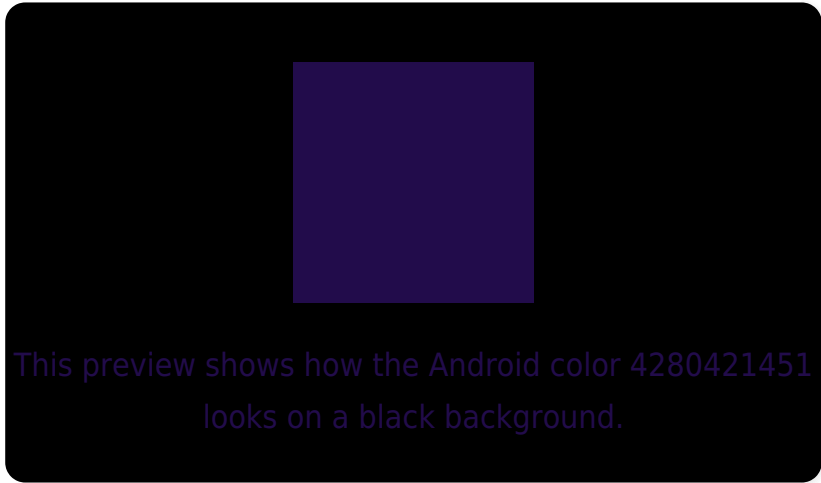
Large Text (above 18pt) WCAG AA ✓ Pass

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

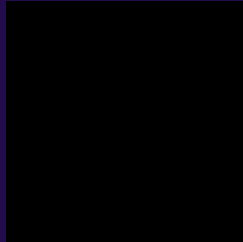
Any Text WCAG AA × Fail

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 4280421451 Background



This preview shows how black text looks on a background with the Android color 4280421451.



This preview shows how white text looks on a background with the Android color 4280421451.

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

4280421451

Protanopia

4278197307

Tritanopia

4279508769

Trichromacy

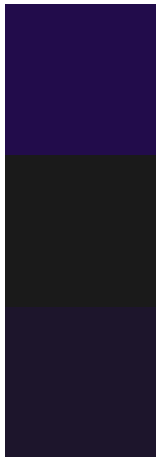


Original Color
4280421451

Protanomaly
4278982209

Tritanomaly
4279834672

Monochromacy



Original Color
4280421451

Achromatopsia
4279900698

Achromatomaly
4280096044

CSS Examples

Text

The CSS property to change the color of the text to Android 4280421451 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(34, 12, 75)` looks like.

```
.text, #text, p{  
    color:rgb(34, 12, 75)  
}
```

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(34, 12, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 12, 75) }
```

Border

The CSS property to change the border of an element to Android 4280421451 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(34, 12, 75) }
```

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

```
.border{ border-color:rgb(34, 12, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 12, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 12, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 12, 75);  
box-shadow:4px 4px 4px 4px rgb(34, 12, 75)  
}
```

Background

The CSS property to change the background color of an element to Android 4280421451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 12, 75) }
```

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

```
.background{ background-color: rgb(34, 12,  
75) }
```

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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