

Converting Colors

Android(4280813901)

Have a look what the booklet for
Android(4280813901) contains.

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Color

Android(4280813901)

Conversions

Conversions Part 1

Format	Color
Hex	28094D
RGB	40, 9, 77
RGB Percent	16%, 4%, 30%
CMY	0.8431, 0.9647, 0.6980
CMYK	0.48, 0.88, 0.00, 0.70
HSL	267°, 79%, 17%
HSV	267°, 88%, 30%
XYZ	2.3123, 1.1823, 7.1275
YIQ	26.0210, -3.3520, 27.7200

Conversions

Conversions Part 2

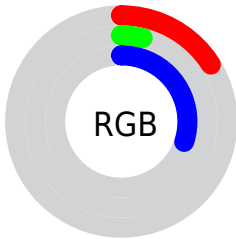
Format	Color
R_{YB}	40, 9, 77
Decimal	2623821
CIE _{Lab}	10.43, 30.97, -35.04
CIE _{LCh}	10, 46.768, 311.473
Yxy	1.1823, 0.2177, 0.1113
Android (android.graphics.Color)	4280813901 (0xFF28094D)
YUV	26.0210, 25.1326, 12.2596
Hunter-Lab	10.8734, 18.9309, -31.2531




Details

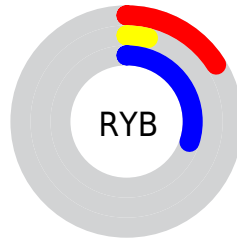
The Android color **4280813901** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4281224457**, and the grayscale version is **4279900698**.



A 20% lighter version of the original color is **4284102527**, and **4278190624** is the 20% darker color. If you saturate the color by 10%, you get **4280549709**, and if you desaturate by 10%, it is **4281078093**.

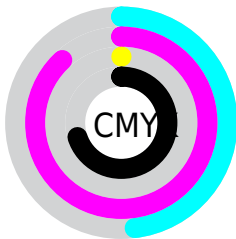
Distribution







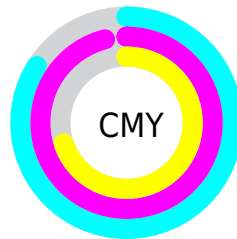
-  Red (16%)
-  Green (4%)
-  Blue (30%)






-  Red (16%)
-  Yellow (4%)
-  Blue (30%)



-  Cyan (48%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (84%)
-  Magenta (96%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280813901 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 4280813901 by changing the saturation by 10% instead.

 4280813901

 4280813901

 4294962943

 4279631926

 4284102527

 4278190624


 4285812377

 4278190083

 4287522740

 4278190080

 4289298896

 4291140588

 4293048063

 4294955775

 4280813901

 4280813901

■ 4280549709

■ 4281078093

■ 4280483917

■ 4281342029

■ 4281671757

■ 4281935949

■ 4282199885

■ 4282464077

■ 4282728269

■ 4283057997

■ 4283321933

Harmonies

Analogous

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



4278197852



4280813901



4282908721

Triad

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



4280813901



4281602816



4278200872

Complementary

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



4280813901



4281224457

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.



4278200576



4280813901



4279901952

Square

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



4280813901



4282843136



4278199552



4278200647

Rectangle

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



4280813901



4283367452



4278199552



4278200861

Sweetspot

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



4280813901



4283779683



4278791757



4280951603



4289967027



4281545523

Same Dimension

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



4280813901



4281139299



4283042125



4280558118



4281270374



4285071590

Inverse Universe

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



4283238702



4284678198



4278996233



4280689189



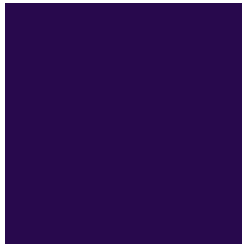
4284874807



4293263485

Previews

White Background



This preview shows how the Android color 4280813901 looks on a white background.

Color Contrast Check

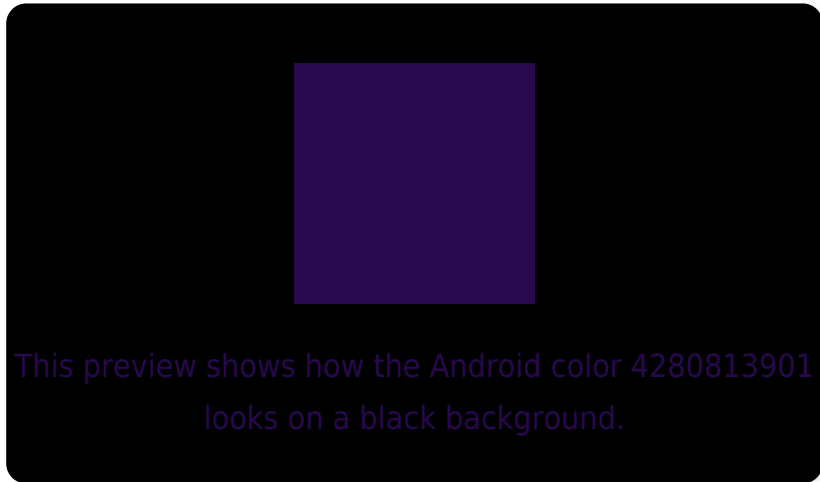
Large Text (above 18pt) WCAG AA ✓ Pass

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

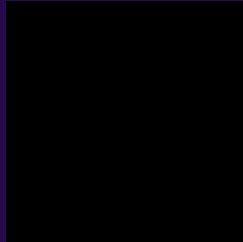
Any Text WCAG AA × Fail

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 4280813901 Background



This preview shows how black text looks on a background with the Android color 4280813901.



This preview shows how white text looks on a background with the Android color 4280813901.

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
4280813901

Protanopia
4278197822

Deuteranopia
4278198069

Trichromacy



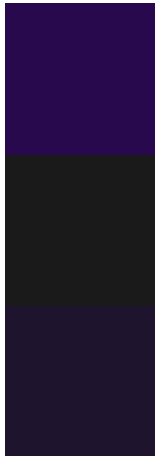
Original Color
4280813901

Protanomaly
4279178819

Deuteranomaly
4279179070

Tritanomaly
4280293169

Monochromacy



Original Color
4280813901

Achromatopsia
4279900698

Achromatomaly
4280226861

CSS Examples

Text

The CSS property to change the color of the text to Android 4280813901 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(40, 9, 77)` looks like.

```
.text, #text, p{  
    color:rgb(40, 9, 77)  
}
```

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(40, 9, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 9, 77) }
```

Border

The CSS property to change the border of an element to Android 4280813901 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(40, 9, 77) }
```

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

```
.border{ border-color:rgb(40, 9, 77) }
```

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

Here you see how a box with a 4 pixel rgb(40, 9, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 9, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 9, 77); box-shadow:4px  
4px 4px 4px rgb(40, 9, 77) }
```

Background

The CSS property to change the background color of an element to Android 4280813901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 9, 77) }
```

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

```
.background{ background-color: rgb(40, 9,  
77) }
```

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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