

Converting Colors

Android(4280948847)

Have a look what the booklet for
Android(4280948847) contains.

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Color

Android(4280948847)

Conversions

Conversions Part 1

Format	Color
Hex	2A186F
RGB	42, 24, 111
RGB Percent	16%, 9%, 44%
CMY	0.8353, 0.9059, 0.5647
CMYK	0.62, 0.78, 0.00, 0.56
HSL	252°, 64%, 26%
HSV	252°, 78%, 44%
XYZ	4.1507, 2.2932, 15.2628
YIQ	39.3000, -17.1990, 30.8730

Conversions

Conversions Part 2

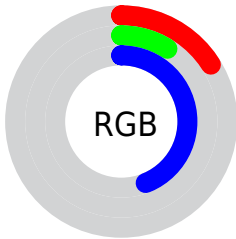
Format	Color
R_{YB}	42, 24, 111
Decimal	2758767
CIE _{Lab}	16.96, 34.02, -47.07
CIE _{LCh}	17, 58.080, 305.858
Yxy	2.2932, 0.1912, 0.1056
Android (android.graphics.Color)	4280948847 (0xFF2A186F)
YUV	39.3000, 35.3481, 2.3679
Hunter-Lab	15.1433, 22.4252, -49.1574

Details

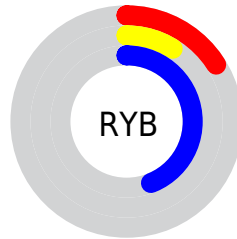
The Android color `4280948847` is a dark color, and the websafe version is hex `330066`. A complement of this color would be `4284313368`, and the grayscale version is `4280756007`.

A 20% lighter version of the original color is `4284565156`, and `4278190142` is the 20% darker color. If you saturate the color by 10%, you get `4280356207`, and if you desaturate by 10%, it is `4281541487`.

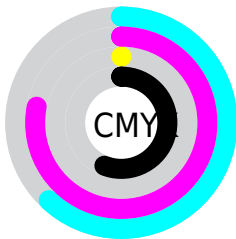
Distribution



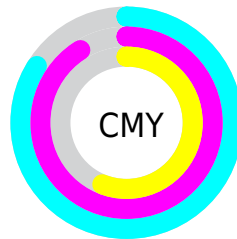
- Red (16%)
- Green (9%)
- Blue (44%)



- Red (16%)
- Yellow (9%)
- Blue (44%)



- Cyan (62%)
- Magenta (78%)
- Yellow (0%)
- Black (56%)



- Cyan (84%)
- Magenta (91%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280948847 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 4280948847 by changing the saturation by 10% instead.



4280948847



4280948847

4294967295



4278584150



4284565156



4278190142



4286340799



4278190887



4288116699



4278190353



4289958392



4278190080



4291865855



4293773311



4294960127



4280948847



4280948847

■ 4280356207

■ 4281541487

■ 4279763567

■ 4282134127

■ 4279697519

■ 4282661231

■ 4283253871

■ 4283846767

■ 4284439407

■ 4285032047

■ 4285559151

■ 4286151791

Harmonies

Analogous

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



4278201983



4280948847



4284350541

Triad

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



4280948847



4283308288



4278204721

Complementary

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



4280948847



4284313368

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.



4278204160



4280948847



4281215744

Square

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



4280948847



4284809216



4278203392



4278204763

Rectangle

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



4280948847



4285202482



4278203392



4278204707

Sweetspot

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



4280948847



4285951633



4279787119



4281939274



4291414473



4283058762

Same Dimension

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



4280948847



4280617361



4283766895



4281610808



4279828600



4281532663

Inverse Universe

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



4285470813



4287695221



4281495320



4281872951



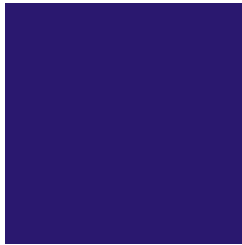
4286054495



4294377668

Previews

White Background



This preview shows how the Android color 4280948847 looks on a white background.

Color Contrast Check

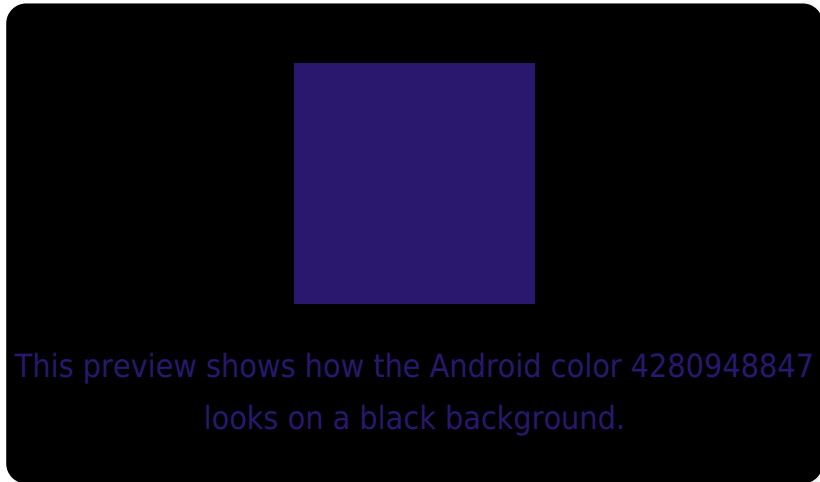
Large Text (above 18pt) WCAG AA ✓ Pass

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

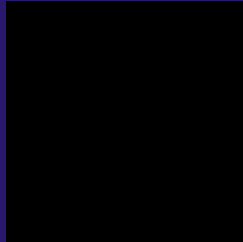
Any Text WCAG AA × Fail

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 4280948847 Background



This preview shows how black text looks on a background with the Android color 4280948847.



This preview shows how white text looks on a background with the Android color 4280948847.

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
4280948847

Protanopia
4278200663

Deuteranopia
4278201418

Trichromacy



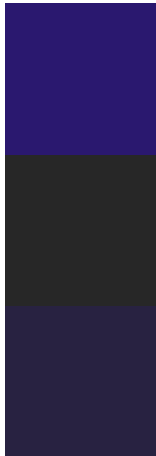
Original Color
4280948847

Protanomaly
4279182176

Deuteranomaly
4279182679

Tritanomaly
4279183177

Monochromacy



Original Color
4280948847

Achromatopsia
4280756007

Achromatomaly
4280820289

CSS Examples

Text

The CSS property to change the color of the text to Android 4280948847 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(42, 24, 111)` looks like.

```
.text, #text, p{  
    color:rgb(42, 24, 111)  
}
```

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(42, 24, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 24, 111) }
```

Border

The CSS property to change the border of an element to Android 4280948847 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(42, 24, 111) }
```

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

```
.border{ border-color:rgb(42, 24, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 24, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 24, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 24, 111);  
box-shadow:4px 4px 4px 4px rgb(42, 24,  
111) }
```

Background

The CSS property to change the background color of an element to Android 4280948847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 24, 111) }
```

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

```
.background{ background-color: rgb(42, 24,  
111) }
```

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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