

Converting Colors

Android(4280488833)

Have a look what the booklet for
Android(4280488833) contains.

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Color

Android(4280488833)

Conversions

Conversions Part 1

Format	Color
Hex	231381
RGB	35, 19, 129
RGB Percent	14%, 7%, 51%
CMY	0.8627, 0.9255, 0.4941
CMYK	0.73, 0.85, 0.00, 0.49
HSL	249°, 74%, 29%
HSV	249°, 85%, 51%
XYZ	4.8885, 2.4080, 20.9760
YIQ	36.3240, -25.7740, 37.6020

Conversions

Conversions Part 2

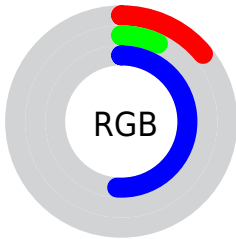
Format	Color
R_{YB}	35, 19, 129
Decimal	2298753
CIE _{Lab}	17.50, 41.56, -57.76
CIE _{LCh}	17, 71.153, 305.737
Yxy	2.4080, 0.1729, 0.0852
Android (android.graphics.Color)	4280488833 (0xFF231381)
YUV	36.3240, 45.6893, -1.1611
Hunter-Lab	15.5179, 29.0749, -69.2817

Details

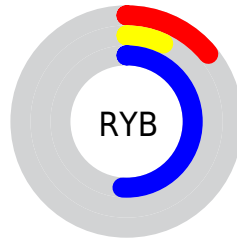
The Android color **4280488833** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285628691**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4284498615**, and **4278190158** is the 20% darker color. If you saturate the color by 10%, you get **4279764609**, and if you desaturate by 10%, it is **4281213057**.

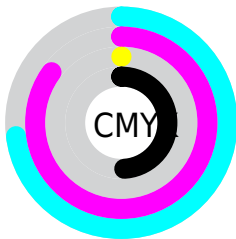
Distribution



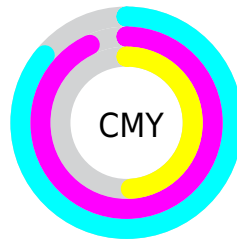
- Red (14%)
- Green (7%)
- Blue (51%)



- Red (14%)
- Yellow (7%)
- Blue (51%)



- Cyan (73%)
- Magenta (85%)
- Yellow (0%)
- Black (49%)



- Cyan (86%)
- Magenta (93%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280488833 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 4280488833 by changing the saturation by 10% instead.

 4280488833

 4280488833

 4294966783

 4278190183

 4284498615

 4278190158

 4286339795


 4278191414

 4288247024

 4278190624

 4290088703

 4278190084

 4291996159

 4278190080

 4293969151

 4294959359

 4280488833

 4280488833

■ 4279764609

■ 4281213057

■ 4279435393

■ 4281937281

■ 4282661505

■ 4283385729

■ 4284109953

■ 4284833921

■ 4285558145

■ 4286282369

■ 4287006593

Harmonies

Analogous

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



4278203029



4280488833



4285136982

Triad

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



4280488833



4283831040



4278205492

Complementary

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



4280488833



4285628691

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.



4278204928



4280488833



4281150720

Square

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



4280488833



4285595648



4278203904



4278205799

Rectangle

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



4280488833



4286119989



4278203904



4278205474

Sweetspot

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



4280488833



4286807464



4279464577



4282268244



4292138196



4283716692

Same Dimension

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



4280488833



4279763112



4284027777



4282005824



4279435392



4278190080

Inverse Universe

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



4286649201



4289200272



4282089747



4282399039



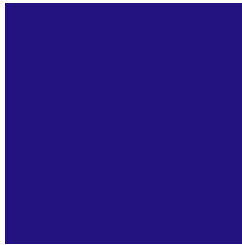
4286578797



4278190080

Previews

White Background



This preview shows how the Android color 4280488833 looks on a white background.

Color Contrast Check

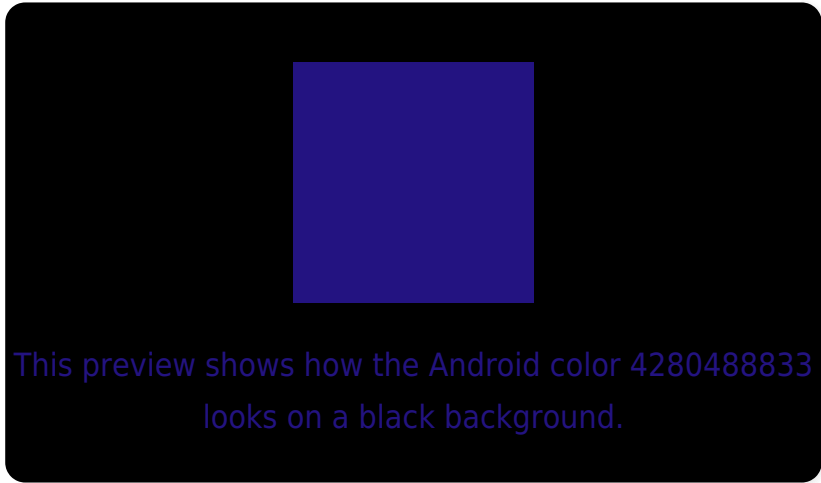
Large Text (above 18pt) WCAG AA ✓ Pass

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

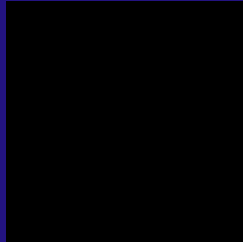
Any Text WCAG AA × Fail

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 4280488833 Background



This preview shows how black text looks on a background with the Android color 4280488833.



This preview shows how white text looks on a background with the Android color 4280488833.

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
4280488833

Protanopia
4278201178

Deuteranopia
4278201932

Trichromacy



Original Color
4280488833

Protanomaly
4279050856

Deuteranomaly
4279051359

Tritanomaly
4279051856

Monochromacy



Original Color
4280488833

Achromatopsia
4280558628

Achromatomaly
4280557126

CSS Examples

Text

The CSS property to change the color of the text to Android 4280488833 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(35, 19, 129)` looks like.

```
.text, #text, p{  
    color:rgb(35, 19, 129)  
}
```

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(35, 19, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 19, 129) }
```

Border

The CSS property to change the border of an element to Android 4280488833 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(35, 19, 129) }
```

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

```
.border{ border-color:rgb(35, 19, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 19, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 19, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 19, 129);  
box-shadow:4px 4px 4px 4px rgb(35, 19,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4280488833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 19, 129) }
```

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

```
.background{ background-color: rgb(35, 19,  
129) }
```

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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