

Converting Colors

Android(4280426851)

Have a look what the booklet for
Android(4280426851) contains.

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Color

Android(4280426851)

Conversions

Conversions Part 1

Format	Color
Hex	222163
RGB	34, 33, 99
RGB Percent	13%, 13%, 39%
CMY	0.8667, 0.8706, 0.6118
CMYK	0.66, 0.67, 0.00, 0.61
HSL	241°, 50%, 26%
HSV	241°, 67%, 39%
XYZ	3.4557, 2.3286, 12.0717
YIQ	40.8230, -20.5900, 20.7380

Conversions

Conversions Part 2

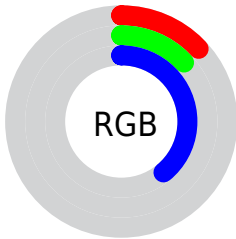
Format	Color
R _Y B	34, 33, 99
Decimal	2236771
CIE Lab	17.13, 22.86, -38.97
CIE LCh	17, 45.178, 300.398
Yxy	2.3286, 0.1935, 0.1304
Android (android.graphics.Color)	4280426851 (0xFF222163)
YUV	40.8230, 28.6813, -5.9838
Hunter-Lab	15.2599, 13.7173, -36.2209

Details

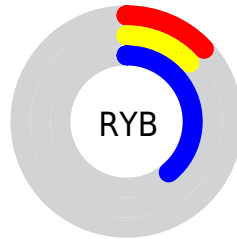
The Android color **4280426851** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4284637985**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4283911575**, and **4278190132** is the 20% darker color. If you saturate the color by 10%, you get **4279768931**, and if you desaturate by 10%, it is **4281084771**.

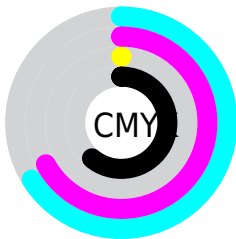
Distribution



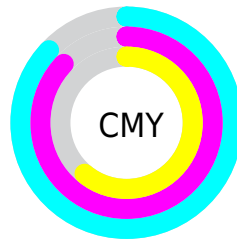
- Red (13%)
- Green (13%)
- Blue (39%)



- Red (13%)
- Yellow (13%)
- Blue (39%)



- Cyan (66%)
- Magenta (67%)
- Yellow (0%)
- Black (61%)



- Cyan (87%)
- Magenta (87%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280426851 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 4280426851 by changing the saturation by 10% instead.



4280426851



4280426851

4294967295



4278193483



4283911575



4278190132



4285621682



4278190621



4287397837



4278190080



4289173994



4291015679



4292923391



4294831103



4280426851



4280426851

■ 4279768931

■ 4281084771

■ 4279111011

■ 4281677155

■ 4278518627

■ 4282335075

■ 4278255715

■ 4282992995

■ 4283650915

■ 4284308579

■ 4284900963

■ 4285558883

■ 4286216803

Harmonies

Analogous

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



4278202220



4280426851



4283369291

Triad

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



4280426851



4283243008



4278204202

Complementary

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



4280426851



4284637985

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.



4278203651



4280426851



4281673984

Square

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



4280426851



4284284937



4279447808



4278204234

Rectangle

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



4280426851



4284219446



4279447808



4278203934

Sweetspot

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



4280426851



4284900992



4280378211



4281413696



4290756543



4282400832

Same Dimension

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



4280426851



4279966080



4282524003



4281084976



4278321264



4278452464

Inverse Universe

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



4284686690



4286585214



4282540833



4281347120



4285530223



4293918956

Previews

White Background



This preview shows how the Android color 4280426851 looks on a white background.

Color Contrast Check

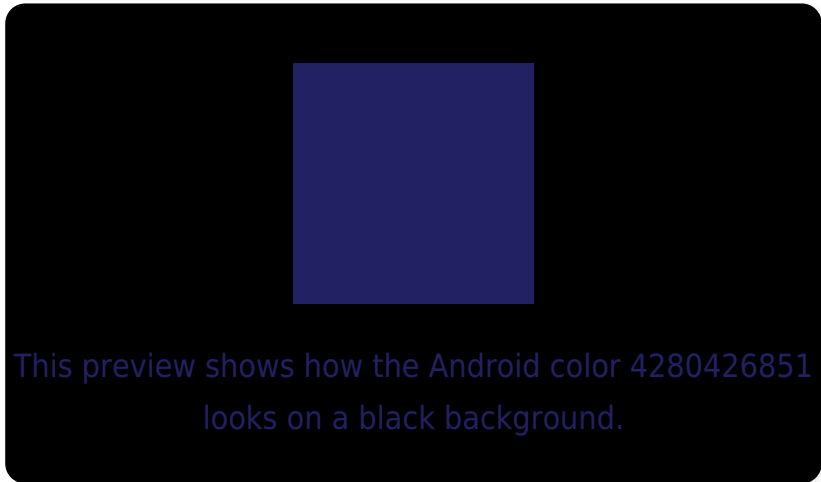
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280426851 Background



This preview shows how black text looks on a background with the Android color 4280426851.



This preview shows how white text looks on a background with the Android color 4280426851.

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

4280426851

Protanopia

4278200663

Deuteranopia

4278201418

Trichromacy



Original Color

4280426851

Protanomaly

4278986331

Deuteranomaly

4278986835

Tritanomaly

4278987332

Monochromacy



Original Color

4280426851

Achromatopsia

4280887593

Achromatomaly

4280690238

CSS Examples

Text

The CSS property to change the color of the text to Android 4280426851 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, 33, 99)` looks like.

```
.text, #text, p{  
    color:rgb(34, 33, 99)  
}
```

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, 33, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 33, 99) }
```

Border

The CSS property to change the border of an element to Android 4280426851 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, 33, 99) }
```

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

```
.border{ border-color:rgb(34, 33, 99) }
```

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

Here you see how a box with a 4 pixel rgb(34, 33, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 33, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 33, 99);  
box-shadow:4px 4px 4px 4px rgb(34, 33, 99)  
}
```

Background

The CSS property to change the background color of an element to Android 4280426851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 33, 99) }
```

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

```
.background{ background-color: rgb(34, 33,  
99) }
```

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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