

Converting Colors

Android(4280434771)

Have a look what the booklet for
Android(4280434771) contains.

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Color

Android(4280434771)

Conversions

Conversions Part 1

Format	Color
Hex	224053
RGB	34, 64, 83
RGB Percent	13%, 25%, 33%
CMY	0.8667, 0.7490, 0.6745
CMYK	0.59, 0.23, 0.00, 0.67
HSL	203°, 42%, 23%
HSV	203°, 59%, 33%
XYZ	4.0544, 4.6314, 8.8639
YIQ	57.1960, -23.9790, -0.4510

Conversions

Conversions Part 2

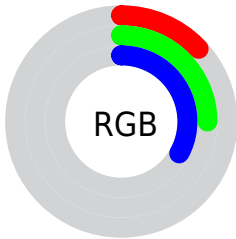
Format	Color
R_{YB}	34, 53, 83
Decimal	2244691
CIE _{Lab}	25.66, -4.86, -14.86
CIE _{LCh}	26, 15.630, 251.898
Yxy	4.6314, 0.2310, 0.2639
Android (android.graphics.Color)	4280434771 (0xFF224053)
YUV	57.1960, 12.7214, -20.3429
Hunter-Lab	21.5207, -4.0325, -9.3557

Details

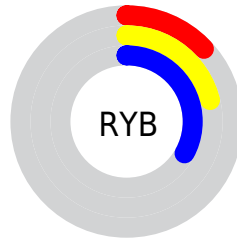
The Android color **4280434771** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4283643170**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4283658373**, and **4278195750** is the 20% darker color. If you saturate the color by 10%, you get **4279909715**, and if you desaturate by 10%, it is **4280959827**.

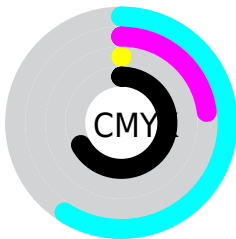
Distribution



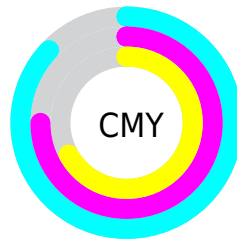
- Red (13%)
- Green (25%)
- Blue (33%)



- Red (13%)
- Yellow (21%)
- Blue (33%)



- Cyan (59%)
- Magenta (23%)
- Yellow (0%)
- Black (67%)



- Cyan (87%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280434771 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 4280434771 by changing the saturation by 10% instead.

■ 4280434771

■ 4280434771

4294967295

■ 4278659644

■ 4283658373

■ 4278195750

■ 4285303199

■ 4278190353

■ 4287013818

■ 4278190080

■ 4288790229

■ 4290566898

■ 4292409343

■ 4294311935

■ 4280434771

■ 4280434771

■ 4279909715

■ 4280959827

■ 4279319123

■ 4281550419

■ 4278793811

■ 4282075731

■ 4278268755

■ 4282600787

■ 4278203219

■ 4283125843

■ 4283716435

■ 4284241747

■ 4284766803

■ 4285357395

Harmonies

Analogous

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



4279583308



4280434771



4281613396

Triad

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



4280434771



4283708472



4281549099

Complementary

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



4280434771



4283643170

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.



4282400293



4280434771



4283577902

Square

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



4280434771



4283446596



4283120166



4280632117

Rectangle

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



4280434771



4282333521



4283120166



4281876520

Sweetspot

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



4280434771



4283982955



4280439605



4280955190



4290098613



4281742902

Same Dimension

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



4280434771



4280241771



4280428627



4280624937



4278206569



4278226664

Inverse Universe

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



4283638336



4285210446



4283649314



4280886567



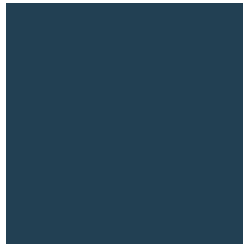
4285071424



4293394574

Previews

White Background



This preview shows how the Android color 4280434771 looks on a white background.

Color Contrast Check

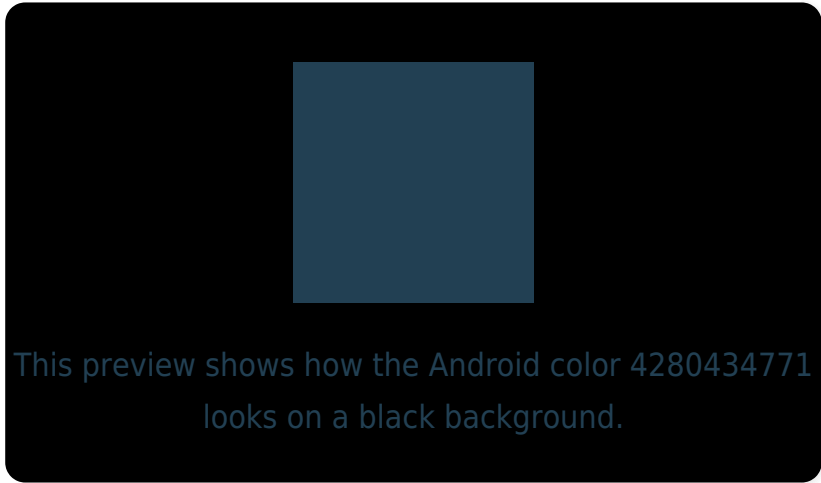
Large Text (above 18pt) WCAG AA ✓ Pass

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

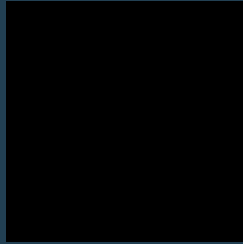
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

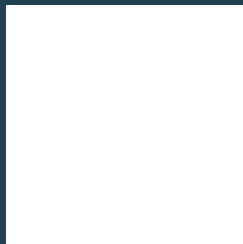
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280434771 Background



This preview shows how black text looks on a background with the Android color 4280434771.

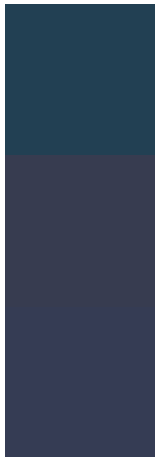


This preview shows how white text looks on a background with the Android color 4280434771.

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
4280434771

Protanopia
4281810000

Deuteranopia
4281678932

Trichromacy



Original Color

4280434771

Protanomaly

4281285969

Deuteranomaly

4281220436

Tritanomaly

4280238411

Monochromacy



Original Color

4280434771

Achromatopsia

4281940281

Achromatomaly

4281416770

CSS Examples

Text

The CSS property to change the color of the text to Android 4280434771 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, 64, 83)` looks like.

```
.text, #text, p{  
    color:rgb(34, 64, 83)  
}
```

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, 64, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 64, 83) }
```

Border

The CSS property to change the border of an element to Android 4280434771 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, 64, 83) }
```

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

```
.border{ border-color:rgb(34, 64, 83) }
```

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

Here you see how a box with a 4 pixel rgb(34, 64, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 64, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 64, 83);  
box-shadow:4px 4px 4px 4px rgb(34, 64, 83)  
}
```

Background

The CSS property to change the background color of an element to Android 4280434771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 64, 83) }
```

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

```
.background{ background-color: rgb(34, 64,  
83) }
```

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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