

Converting Colors

Android(4280442999)

Have a look what the booklet for
Android(4280442999) contains.

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Color

Android(4280442999)

Conversions

Conversions Part 1

Format	Color
Hex	226077
RGB	34, 96, 119
RGB Percent	13%, 38%, 47%
CMY	0.8667, 0.6235, 0.5333
CMYK	0.71, 0.19, 0.00, 0.53
HSL	196°, 56%, 30%
HSV	196°, 71%, 47%
XYZ	8.1723, 10.0377, 18.9595
YIQ	80.0840, -44.3350, -5.9910

Conversions

Conversions Part 2

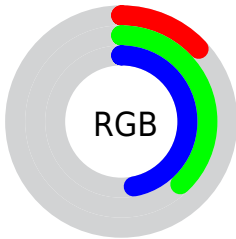
Format	Color
RYB	34, 70, 119
Decimal	2252919
CIELab	37.91, -11.69, -18.73
CIELCh	38, 22.080, 238.045
Yxy	10.0377, 0.2199, 0.2701
Android (android.graphics.Color)	4280442999 (0xFF226077)
YUV	80.0840, 19.1856, -40.4157
Hunter-Lab	31.6824, -9.4009, -13.3029

Details

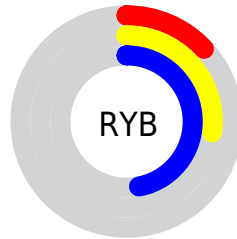
The Android color `4280442999` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286003490`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4284126123`, and `4278202950` is the 20% darker color. If you saturate the color by 10%, you get `4279655799`, and if you desaturate by 10%, it is `4281230199`.

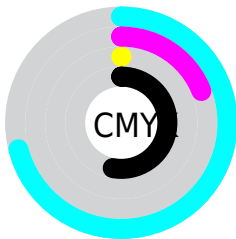
Distribution



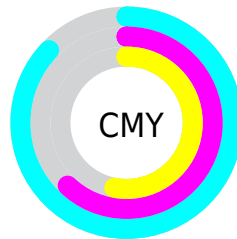
- Red (13%)
- Green (38%)
- Blue (47%)



- Red (13%)
- Yellow (27%)
- Blue (47%)



- Cyan (71%)
- Magenta (19%)
- Yellow (0%)
- Black (53%)



- Cyan (87%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280442999 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 4280442999 by changing the saturation by 10% instead.



4280442999



4280442999

4294967295



4278208606



4284126123



4278202950



4285902279



4278197552



4287744483



4278190363



4289521151



4278190080



4291428351



4293328895



4280442999



4280442999



4279655799



4281230199

■ 4278868599

■ 4282017399

■ 4278212471

■ 4282804855

■ 4283592055

■ 4284379255

■ 4285100919

■ 4285888375

■ 4286675575

■ 4287462775

Harmonies

Analogous

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



4279722601



4280442999



4282276733

Triad

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



4280442999



4286205019



4283718969

Complementary

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



4280442999



4286003490

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.



4284897333



4280442999



4286336329

Square

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



4280442999



4285484908



4285813308



4282343750

Rectangle

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



4280442999



4283520891



4285813308



4284111927

Sweetspot

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



4280442999



4286288796



4280448825



4282075727



4291809231



4283387727

Same Dimension

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



4280442999



4279662492



4280432247



4281678139



4278212986



4278236922

Inverse Universe

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



4285997664



4288419447



4286014242



4282070329



4286185561



4294574262

Previews

White Background



This preview shows how the Android color 4280442999 looks on a white background.

Color Contrast Check

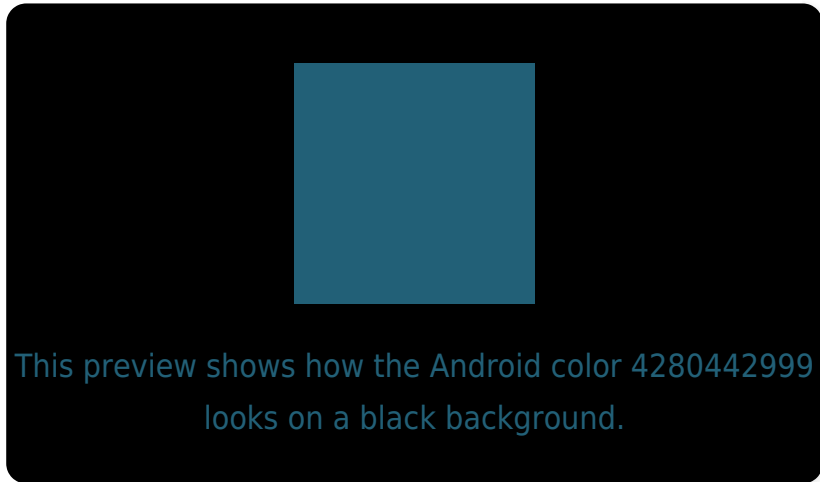
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

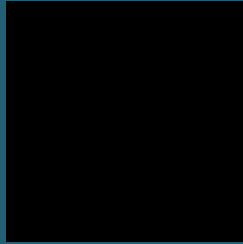
Any Text WCAG AA × Fail

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 4280442999 Background



This preview shows how black text looks on a background with the Android color 4280442999.



This preview shows how white text looks on a background with the Android color 4280442999.

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

4280442999

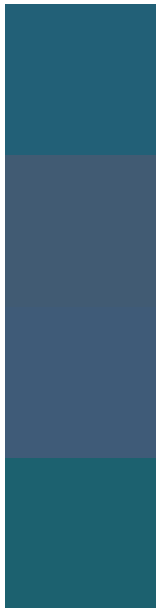
Protanopia

4283652209

Deuteranopia

4283390073

Trichromacy



Original Color

4280442999

Protanomaly

4282473331

Deuteranomaly

4282342264

Tritanomaly

4280050031

Monochromacy



Original Color

4280442999

Achromatopsia

4283453520

Achromatomaly

4282340958

CSS Examples

Text

The CSS property to change the color of the text to Android 4280442999 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, 96, 119)` looks like.

```
.text, #text, p{  
    color:rgb(34, 96, 119)  
}
```

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, 96, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 96, 119) }
```

Border

The CSS property to change the border of an element to Android 4280442999 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, 96, 119) }
```

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

```
.border{ border-color:rgb(34, 96, 119) }
```

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

Here you see how a box with a 4 pixel rgb(34, 96, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 96, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 96, 119);  
box-shadow:4px 4px 4px 4px rgb(34, 96,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4280442999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 96, 119) }
```

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

```
.background{ background-color: rgb(34, 96,  
119) }
```

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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