

Converting Colors

Android(4280429738)

Have a look what the booklet for
Android(4280429738) contains.

| | |
|--|----|
| Android(4280429738) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4280429738)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 222CAA |
| RGB | 34, 44, 170 |
| RGB Percent | 13%, 17%, 67% |
| CMY | 0.8667, 0.8275, 0.3333 |
| CMYK | 0.80, 0.74, 0.00, 0.33 |
| HSL | 236°, 67%, 40% |
| HSV | 236°, 80%, 67% |
| XYZ | 8.8161, 5.0437, 38.5391 |
| YIQ | 55.3740, -46.4060, 37.0660 |

Conversions

Conversions Part 2

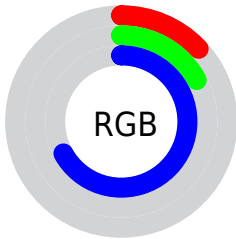
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 34, 43, 170 |
| Decimal | 2239658 |
| CIE _{Lab} | 26.86, 41.60, -67.58 |
| CIE _{LCh} | 27, 79.355, 301.613 |
| Yxy | 5.0437, 0.1682, 0.0963 |
| Android (android.graphics.Color) | 4280429738 (0xFF222CAA) |
| YUV | 55.3740, 56.5106, -18.7450 |
| Hunter-Lab | 22.4582, 30.7689, -86.0229 |

Details

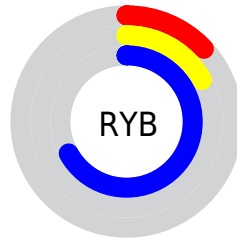
The Android color `4280429738` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4289372194`, and the grayscale version is `4281808695`.

A 20% lighter version of the original color is `4285029346`, and `4278190964` is the 20% darker color. If you saturate the color by 10%, you get `4279311530`, and if you desaturate by 10%, it is `4281547946`.

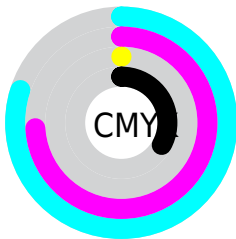
Distribution



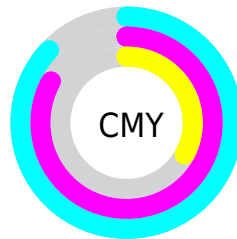
- Red (13%)
- Green (17%)
- Blue (67%)



- Red (13%)
- Yellow (17%)
- Blue (67%)



- Cyan (80%)
- Magenta (74%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (83%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280429738 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 4280429738 by changing the saturation by 10% instead.

 4280429738

 4280429738

4294967295

 4278195855

 4285029346

 4278190964

 4287001855

 4278190171

 4288974591

 4278191938

 4290881791

 4278190891

 4292855039

 4278190357

 4294893823

 4278190080

 4294966783

 4280429738

 4280429738

■ 4279311530

■ 4281547946

■ 4278193578

■ 4282666154

■ 4283784106

■ 4284902314

■ 4286020522

■ 4287138730

■ 4288256682

■ 4289374890

■ 4290493098

Harmonies

Analogous

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



4278208957



4280429738



4286906491

Triad

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



4280429738



4286193408



4278211650

Complementary

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



4280429738



4289372194

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.



4278211072



4280429738



4283186944

Square

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



4280429738



4288217088



4278209536



4278211967

Rectangle

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



4280429738



4288348243



4278209536



4278211372

Sweetspot

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



4280429738



4289310174



4280461983



4283454064



4293980400



4285558896

Same Dimension

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



4280429738



4278786526



4284162730



4283190356



4278193044



4278190612

Inverse Universe

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



4289339948



4292741401



4285639202



4283714636



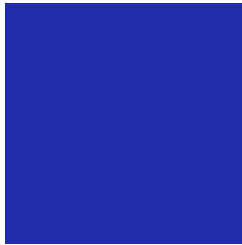
4287889419



4279500802

Previews

White Background



This preview shows how the Android color 4280429738 looks on a white background.

Color Contrast Check

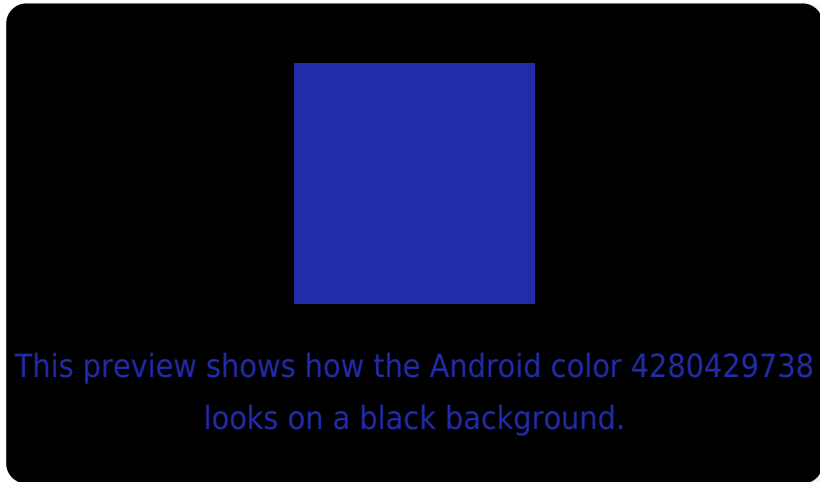
Large Text (above 18pt) WCAG AA ✓ Pass

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

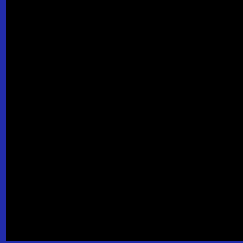
Any Text WCAG AA × Fail

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 4280429738 Background



This preview shows how black text looks on a background with the Android color 4280429738.



This preview shows how white text looks on a background with the Android color 4280429738.

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

4280429738

Protanopia

4278205825

Deuteranopia

4278206830

Trichromacy



Original Color
4280429738

Protanomaly
4278990736

Deuteranomaly
4278991236

Tritanomaly
4278992238

Monochromacy



Original Color
4280429738

Achromatopsia
4281808695

Achromatomaly
4281283425

CSS Examples

Text

The CSS property to change the color of the text to Android 4280429738 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, 44, 170)` looks like.

```
.text, #text, p{  
    color:rgb(34, 44, 170)  
}
```

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, 44, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 44, 170) }
```

Border

The CSS property to change the border of an element to Android 4280429738 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, 44, 170) }
```

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

```
.border{ border-color:rgb(34, 44, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 44, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 44, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 44, 170);  
box-shadow:4px 4px 4px 4px rgb(34, 44,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4280429738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 44, 170) }
```

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

```
.background{ background-color: rgb(34, 44,  
170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor