

Converting Colors

Android(4282399168)

Have a look what the booklet for
Android(4282399168) contains.

| | |
|--|----|
| Android(4282399168) | 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(4282399168)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4039C0 |
| RGB | 64, 57, 192 |
| RGB Percent | 25%, 22%, 75% |
| CMY | 0.7490, 0.7765, 0.2471 |
| CMYK | 0.67, 0.70, 0.00, 0.25 |
| HSL | 243°, 54%, 49% |
| HSV | 243°, 70%, 75% |
| XYZ | 13.0919, 7.8220, 50.6890 |
| YIQ | 74.4830, -39.1630, 43.4690 |

Conversions

Conversions Part 2

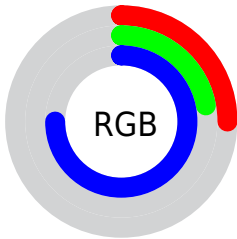
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 64, 57, 192 |
| Decimal | 4209088 |
| CIE Lab | 33.61, 44.39, -69.47 |
| CIE LCh | 34, 82.442, 302.575 |
| Yxy | 7.8220, 0.1828, 0.1092 |
| Android (android.graphics.Color) | 4282399168 (0xFF4039C0) |
| YUV | 74.4830, 57.9359, -9.1936 |
| Hunter-Lab | 27.9679, 34.6130, -87.8797 |

Details

The Android color **4282399168** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **4290363449**, and the grayscale version is **4283058762**.

A 20% lighter version of the original color is **4286540538**, and **4278193289** is the 20% darker color. If you saturate the color by 10%, you get **4281214656**, and if you desaturate by 10%, it is **4283583680**.

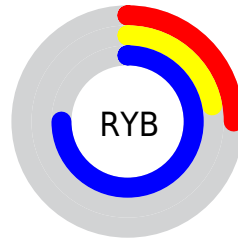
Distribution



Red (25%)

Green (22%)

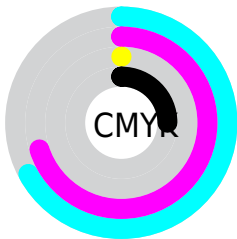
Blue (75%)



Red (25%)

Yellow (22%)

Blue (75%)

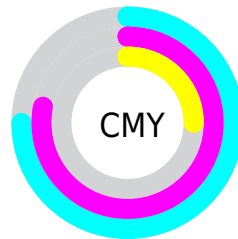


Cyan (67%)

Magenta (70%)

Yellow (0%)

Black (25%)



Cyan (75%)

Magenta (78%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282399168 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 4282399168 by changing the saturation by 10% instead.

 4282399168

 4282399168

4294967295

 4279444132

 4286540538

 4278193289

 4288513023

 4278190191

 4290486015

 4278190165

 4292459007

 4278191677

 4294432255

 4278190886

 4294963711

 4278190351

 4278190080

 4282399168

 4282399168

■ 4281214656

■ 4283583680

■ 4280030144

■ 4284768192

■ 4278845632

■ 4286018496

■ 4287203008

■ 4288387520

■ 4289572032

■ 4290756544

■ 4292006848

■ 4293191360

Harmonies

Analogous

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



4278212822



4282399168



4288413837

Triad

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



4282399168



4287574016



4278216275

Complementary

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



4282399168



4290363449

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.



4278215682



4282399168



4284305152

Square

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



4282399168



4289724428



4278214144



4278216597

Rectangle

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



4282399168



4289986658



4278214144



4278216252

Sweetspot

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



4282399168



4291347962



4281973184



4284440189



4294769916



4286414205

Same Dimension

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



4282399168



4281542906



4286790080



4283979617



4278714529



4278321185

Inverse Universe

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



4290787769



4294584559



4285972537



4284569440



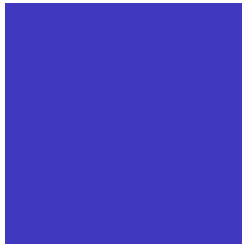
4288741528



4280352799

Previews

White Background



This preview shows how the Android color 4282399168 looks on a white background.

Color Contrast Check

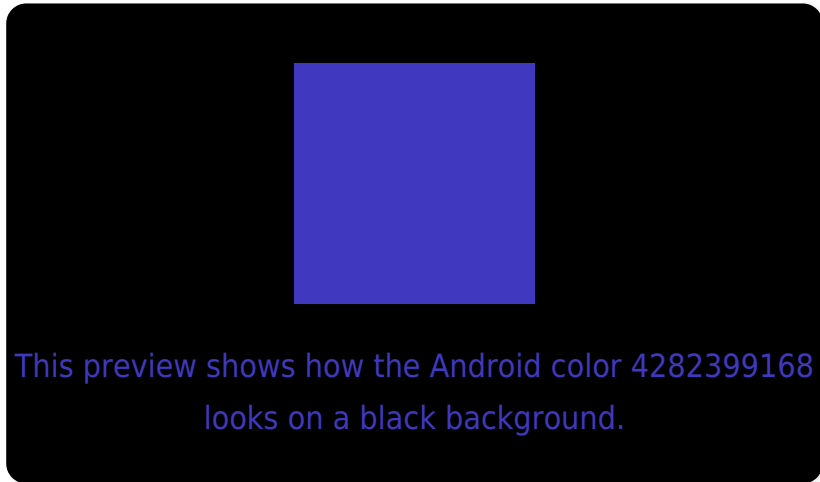
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282399168 Background



This preview shows how black text looks on a background with the Android color 4282399168.



This preview shows how white text looks on a background with the Android color 4282399168.

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

4282399168

Protanopia

4278209696

Deuteranopia

4278210953

Trichromacy



Original Color
4282399168

Protanomaly
4279715244

Deuteranomaly
4279715997

Tritanomaly
4279716994

Monochromacy



Original Color
4282399168

Achromatopsia
4283058762

Achromatomaly
4282795125

CSS Examples

Text

The CSS property to change the color of the text to Android 4282399168 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(64, 57, 192)` looks like.

```
.text, #text, p{  
    color:rgb(64, 57, 192)  
}
```

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(64, 57, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 57, 192) }
```

Border

The CSS property to change the border of an element to Android 4282399168 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(64, 57, 192) }
```

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

```
.border{ border-color:rgb(64, 57, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 57, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 57, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 57, 192);  
box-shadow:4px 4px 4px 4px rgb(64, 57,  
192) }
```

Background

The CSS property to change the background color of an element to Android 4282399168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 57, 192) }
```

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

```
.background{ background-color: rgb(64, 57,  
192) }
```

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