

Converting Colors

Android(4280824169)

Have a look what the booklet for
Android(4280824169) contains.

| | |
|--|----|
| Android(4280824169) | 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(4280824169)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 283169 |
| RGB | 40, 49, 105 |
| RGB Percent | 16%, 19%, 41% |
| CMY | 0.8431, 0.8078, 0.5882 |
| CMYK | 0.62, 0.53, 0.00, 0.59 |
| HSL | 232°, 45%, 28% |
| HSV | 232°, 62%, 41% |
| XYZ | 4.5232, 3.6677, 13.8341 |
| YIQ | 52.6930, -23.3400, 15.5080 |

Conversions

Conversions Part 2

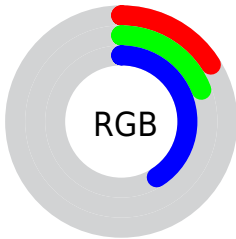
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 40, 48, 105 |
| Decimal | 2634089 |
| CIE _{Lab} | 22.54, 15.07, -34.10 |
| CIE _{LCh} | 23, 37.276, 293.842 |
| Yxy | 3.6677, 0.2054, 0.1665 |
| Android (android.graphics.Color) | 4280824169 (0xFF283169) |
| YUV | 52.6930, 25.7874, -11.1318 |
| Hunter-Lab | 19.1511, 8.6443, -29.4233 |

Details

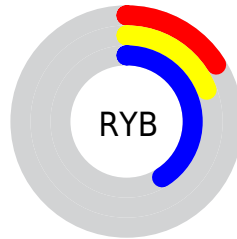
The Android color `4280824169` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4285095976`, and the grayscale version is `4281611316`.

A 20% lighter version of the original color is `4284243869`, and `4278190649` is the 20% darker color. If you saturate the color by 10%, you get `4280166505`, and if you desaturate by 10%, it is `4281481833`.

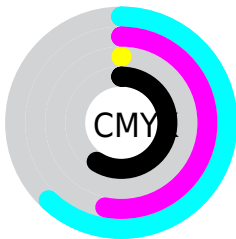
Distribution



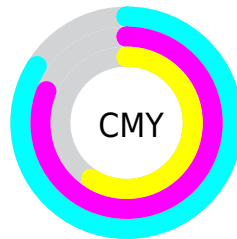
- Red (16%)
- Green (19%)
- Blue (41%)



- Red (16%)
- Yellow (19%)
- Blue (41%)



- Cyan (62%)
- Magenta (53%)
- Yellow (0%)
- Black (59%)



- Cyan (84%)
- Magenta (81%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280824169 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 4280824169 by changing the saturation by 10% instead.

■ 4280824169

■ 4280824169

4294967295

■ 4278787152

■ 4284243869

■ 4278190649

■ 4285954232

■ 4278190627

■ 4287730132

■ 4278190090

■ 4289506544

■ 4278190080

■ 4291348479

■ 4293256191

■ 4280824169

■ 4280824169

■ 4280166505

■ 4281481833

■ 4279443305

■ 4282205033

■ 4278785641

■ 4282928233

■ 4278194025

■ 4283585897

■ 4284309097

■ 4284966761

■ 4285689961

■ 4286347625

■ 4287005289

Harmonies

Analogous

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



4278205293



4280824169



4283507543

Triad

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



4280824169



4284163846



4278207023

Complementary

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



4280824169



4285095976

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.



4278206482



4280824169



4282921728

Square

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



4280824169



4284881441



4281219840



4278207052

Rectangle

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



4280824169



4284488518



4281219840



4278206757

Sweetspot

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



4280824169



4285559690



4280838495



4281677637



4291085508



4282729797

Same Dimension

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



4280824169



4280562314



4282329193



4281348406



4278194293



4278199029

Inverse Universe

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



4285081649



4287243314



4283590952



4281741361



4285857808



4294246434

Previews

White Background



This preview shows how the Android color 4280824169 looks on a white background.

Color Contrast Check

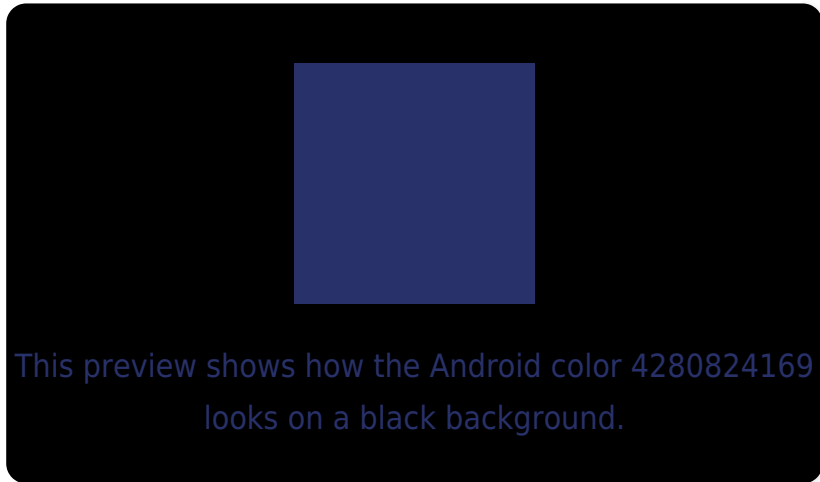
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280824169 Background



This preview shows how black text looks on a background with the Android color 4280824169.



This preview shows how white text looks on a background with the Android color 4280824169.

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

4280824169

Protanopia

4279186540

Deuteranopia

4278204256

Trichromacy



Original Color

4280824169

Protanomaly

4279776107

Deuteranomaly

4279186787

Tritanomaly

4279973711

Monochromacy



Original Color

4280824169

Achromatopsia

4281677109

Achromatomaly

4281349192

CSS Examples

Text

The CSS property to change the color of the text to Android 4280824169 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(40, 49, 105)` looks like.

```
.text, #text, p{  
    color:rgb(40, 49, 105)  
}
```

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(40, 49, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 49, 105) }
```

Border

The CSS property to change the border of an element to Android 4280824169 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(40, 49, 105) }
```

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

```
.border{ border-color:rgb(40, 49, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 49, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 49, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 49, 105);  
box-shadow:4px 4px 4px 4px rgb(40, 49,  
105) }
```

Background

The CSS property to change the background color of an element to Android 4280824169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 49, 105) }
```

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

```
.background{ background-color: rgb(40, 49,  
105) }
```

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