

Converting Colors

Android(4280949561)

Have a look what the booklet for
Android(4280949561) contains.

| | |
|--|----|
| Android(4280949561) | 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(4280949561)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2A1B39 |
| RGB | 42, 27, 57 |
| RGB Percent | 16%, 11%, 22% |
| CMY | 0.8353, 0.8941, 0.7765 |
| CMYK | 0.26, 0.53, 0.00, 0.78 |
| HSL | 270°, 36%, 16% |
| HSV | 270°, 53%, 22% |
| XYZ | 2.0853, 1.5715, 4.0643 |
| YIQ | 34.9050, -0.6900, 12.5100 |

Conversions

Conversions Part 2

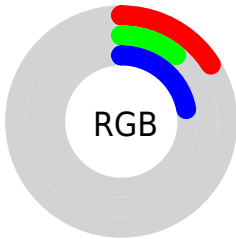
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 42, 27, 57 |
| Decimal | 2759481 |
| CIELab | 13.06, 14.73, -16.74 |
| CIElCh | 13, 22.304, 311.345 |
| Yxy | 1.5715, 0.2701, 0.2035 |
| Android (android.graphics.Color) | 4280949561 (0xFF2A1B39) |
| YUV | 34.9050, 10.8928, 6.2223 |
| Hunter-Lab | 12.5360, 7.7545, -10.4473 |

Details

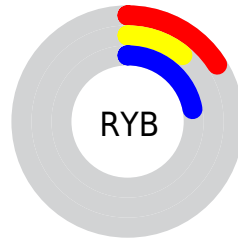
The Android color **4280949561** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4280957211**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4283975528**, and **4278190092** is the 20% darker color. If you saturate the color by 10%, you get **4280751417**, and if you desaturate by 10%, it is **4281147705**.

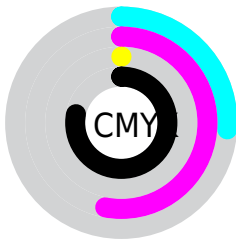
Distribution



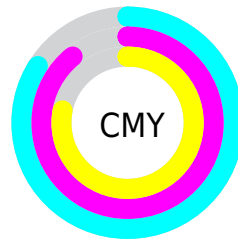
- Red (16%)
- Green (11%)
- Blue (22%)



- Red (16%)
- Yellow (11%)
- Blue (22%)



- Cyan (26%)
- Magenta (53%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280949561 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 4280949561 by changing the saturation by 10% instead.

■ 4280949561

■ 4280949561

4294967295

■ 4279697700

■ 4283975528

■ 4278190092

■ 4285619841

■ 4278190080

■ 4287330204

■ 4289040822

■ 4290817234

■ 4292659182

■ 4294566911

■ 4280949561

■ 4280949561

■ 4280751417

■ 4281147705

■ 4280553529

■ 4281345593

■ 4280355385

■ 4281543737

■ 4280222777

■ 4281676345

■ 4280090681

■ 4281874489

■ 4282072377

■ 4282270521

■ 4282468665

■ 4282666553

Harmonies

Analogous

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



4279116096



4280949561



4281931052

Triad

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



4280949561



4281539840



4278200615

Complementary

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



4280949561



4280957211

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.



4278200343



4280949561



4280689408

Square

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



4280949561



4282062604



4279510533



4278200374

Rectangle

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



4280949561



4282192674



4279510533



4278200610

Sweetspot

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



4280949561



4282662474



4279970361



4280491814



4289111718



4280690214

Same Dimension

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



4280949561



4281539402



4281932601



4279965980



4281204828



4285399259

Inverse Universe

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



4281932586



4283046707



4279974171



4280031515



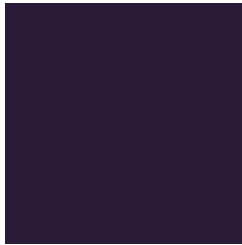
4284219438



4292542574

Previews

White Background



This preview shows how the Android color 4280949561 looks on a white background.

Color Contrast Check

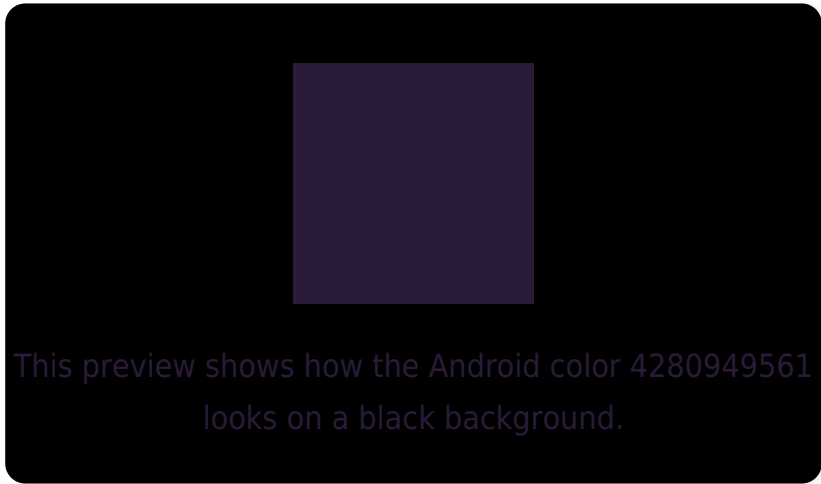
Large Text (above 18pt) WCAG AA ✓ Pass

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

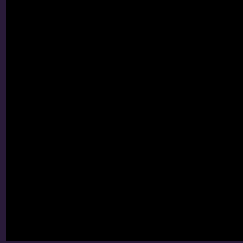
Any Text WCAG AA × Fail

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 4280949561 Background



This preview shows how black text looks on a background with the Android color 4280949561.



This preview shows how white text looks on a background with the Android color 4280949561.

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


4280949561

Protanopia

4279443775

Deuteranopia

4279575096



Tritanopia
4280688931

Trichromacy



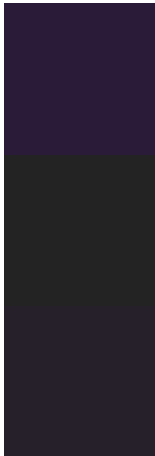
Original Color
4280949561

Protanomaly
4279967549

Deuteranomaly
4280098616

Tritanomaly
4280753963

Monochromacy



Original Color
4280949561

Achromatopsia
4280492835

Achromatomaly
4280688683

CSS Examples

Text

The CSS property to change the color of the text to Android 4280949561 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(42, 27, 57)` looks like.

```
.text, #text, p{  
    color:rgb(42, 27, 57)  
}
```

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(42, 27, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 27, 57) }
```

Border

The CSS property to change the border of an element to Android 4280949561 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(42, 27, 57) }
```

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

```
.border{ border-color:rgb(42, 27, 57) }
```

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

Here you see how a box with a 4 pixel rgb(42, 27, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 27, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 27, 57);  
box-shadow:4px 4px 4px 4px rgb(42, 27, 57)  
}
```

Background

The CSS property to change the background color of an element to Android 4280949561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 27, 57) }
```

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

```
.background{ background-color: rgb(42, 27,  
57) }
```

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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