

Converting Colors

Android(4280097968)

Have a look what the booklet for
Android(4280097968) contains.

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Color

Android(4280097968)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1D1CB0 |
| RGB | 29, 28, 176 |
| RGB Percent | 11%, 11%, 69% |
| CMY | 0.8863, 0.8902, 0.3098 |
| CMYK | 0.84, 0.84, 0.00, 0.31 |
| HSL | 240°, 73%, 40% |
| HSV | 240°, 84%, 69% |
| XYZ | 8.7584, 4.2263, 41.4284 |
| YIQ | 45.1710, -46.9120, 46.2400 |

Conversions

Conversions Part 2

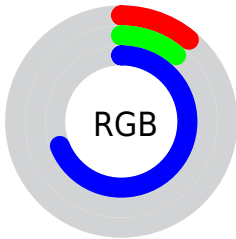
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 29, 28, 176 |
| Decimal | 1907888 |
| CIE _{Lab} | 24.41, 51.68, -75.26 |
| CIE _{LCh} | 24, 91.293, 304.475 |
| Yxy | 4.2263, 0.1610, 0.0777 |
| Android (android.graphics.Color) | 4280097968 (0xFF1D1CB0) |
| YUV | 45.1710, 64.4987, -14.1820 |
| Hunter-Lab | 20.5580, 40.0708, -105.0906 |

Details

The Android color `4280097968` is a dark color, and the websafe version is hex `000099`. A complement of this color would be `4289703964`, and the grayscale version is `4281150765`.

A 20% lighter version of the original color is `4285025769`, and `4278190202` is the 20% darker color. If you saturate the color by 10%, you get `4278979248`, and if you desaturate by 10%, it is `4281216688`.

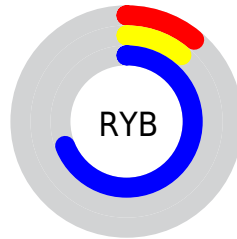
Distribution



Red (11%)

Green (11%)

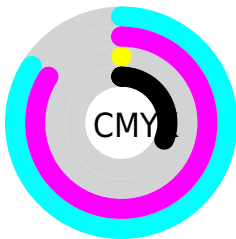
Blue (69%)



Red (11%)

Yellow (11%)

Blue (69%)

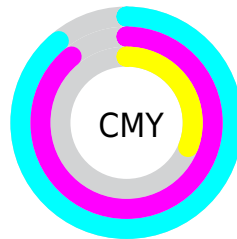


Cyan (84%)

Magenta (84%)

Yellow (0%)

Black (31%)



Cyan (89%)

Magenta (89%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280097968 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 4280097968 by changing the saturation by 10% instead.

 4280097968

 4280097968

4294967295

 4278190741

 4285025769

 4278190202

 4287063807

 4278190176

 4289102079

 4278192199

 4291074815

 4278191152

 4293113599

 4278190362

 4294955775

 4278190080

 4294962943

 4280097968

 4280097968

■ 4278979248

■ 4281216688

■ 4278255792

■ 4282400688

■ 4283519408

■ 4284703408

■ 4285822128

■ 4287006384

■ 4288124848

■ 4289309104

■ 4290427568

Harmonies

Analogous

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



4278207946



4280097968



4287365239

Triad

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



4280097968



4285797632



4278210371

Complementary

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



4280097968



4289703964

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.



4278209792



4280097968



4282334208

Square

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



4280097968



4288217088



4278208768



4278210953

Rectangle

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



4280097968



4288806986



4278208768



4278210091

Sweetspot

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



4280097968



4289572070



4280070320



4283519091



4294111986



4285756275

Same Dimension

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



4280097968



4278321382



4284882096



4283453529



4278255769



4278190106

Inverse Universe

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



4289731759



4293263588



4284919836



4284043353



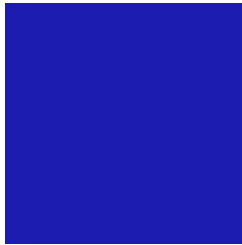
4288217240



4279894041

Previews

White Background



This preview shows how the Android color 4280097968 looks on a white background.

Color Contrast Check

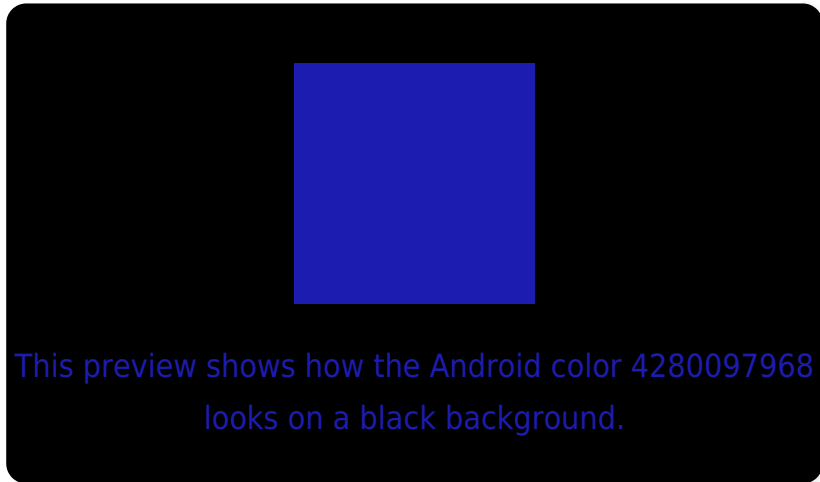
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280097968 Background



This preview shows how black text looks on a background with the Android color 4280097968.



This preview shows how white text looks on a background with the Android color 4280097968.

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

4280097968

Protanopia

4278204535

Deuteranopia

4278205541

Trichromacy



Original Color

4280097968

Protanomaly

4278922892

Deuteranomaly

4278923392

Tritanomaly

4278924395

Monochromacy



Original Color

4280097968

Achromatopsia

4281150765

Achromatomaly

4280756061

CSS Examples

Text

The CSS property to change the color of the text to Android 4280097968 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(29, 28, 176)` looks like.

```
.text, #text, p{  
    color:rgb(29, 28, 176)  
}
```

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(29, 28, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 28, 176) }
```

Border

The CSS property to change the border of an element to Android 4280097968 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(29, 28, 176) }
```

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

```
.border{ border-color:rgb(29, 28, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 28, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 28, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 28, 176);  
box-shadow:4px 4px 4px 4px rgb(29, 28,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4280097968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 28, 176) }
```

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

```
.background{ background-color: rgb(29, 28,  
176) }
```

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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