

Converting Colors

Android(4280094880)

Have a look what the booklet for
Android(4280094880) contains.

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Color

Android(4280094880)

Conversions

Conversions Part 1

Format	Color
Hex	1D10A0
RGB	29, 16, 160
RGB Percent	11%, 6%, 63%
CMY	0.8863, 0.9373, 0.3725
CMYK	0.82, 0.90, 0.00, 0.37
HSL	245°, 82%, 35%
HSV	245°, 90%, 63%
XYZ	7.0371, 3.1699, 33.4987
YIQ	36.3030, -38.4760, 47.5400

Conversions

Conversions Part 2

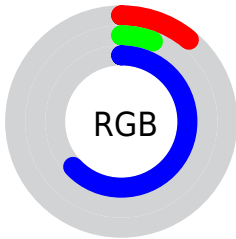
Format	Color
R_{YB}	29, 16, 160
Decimal	1904800
CIE Lab	20.71, 51.71, -71.72
CIE LCh	21, 88.420, 305.793
Yxy	3.1699, 0.1610, 0.0725
Android (android.graphics.Color)	4280094880 (0xFF1D10A0)
YUV	36.3030, 60.9826, -6.4047
Hunter-Lab	17.8041, 39.3958, -99.0921

Details

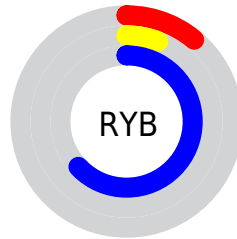
The Android color **4280094880** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4287864848**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4284826584**, and **4278190187** is the 20% darker color. If you saturate the color by 10%, you get **4279107744**, and if you desaturate by 10%, it is **4281082016**.

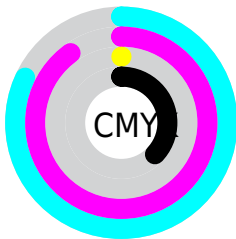
Distribution



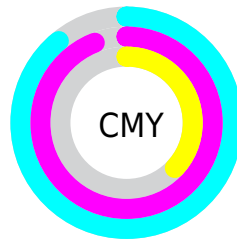
- Red (11%)
- Green (6%)
- Blue (63%)



- Red (11%)
- Yellow (6%)
- Blue (63%)



- Cyan (82%)
- Magenta (90%)
- Yellow (0%)
- Black (37%)



- Cyan (89%)
- Magenta (94%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280094880 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 4280094880 by changing the saturation by 10% instead.

 4280094880

 4280094880

4294967295

 4278190213

 4284826584

 4278190187

 4286799093

 4278190673

 4288771583

 4278191417

 4290744575

 4278190627

 4292717567

 4278190090

 4294756095

 4278190080

 4294960127

 4280094880

 4280094880

■ 4279107744

■ 4281082016

■ 4282003616

■ 4282990752

■ 4283912352

■ 4284899488

■ 4285821088

■ 4286808224

■ 4287729824

■ 4288716960

Harmonies

Analogous

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



4278205626



4280094880



4286644329

Triad

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



4280094880



4284878848



4278208062

Complementary

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



4280094880



4287864848

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.



4278207488



4280094880



4281545728

Square

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



4280094880



4287168512



4278206464



4278208383

Rectangle

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



4280094880



4287889470



4278206464



4278207783

Sweetspot

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



4280094880



4288584145



4279276704



4283058025



4293454056



4285098345

Same Dimension

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



4280094880



4279435473



4284747936



4282926927



4279042191



4278255631

Inverse Universe

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



4288680083



4291887294



4283211792



4283385678



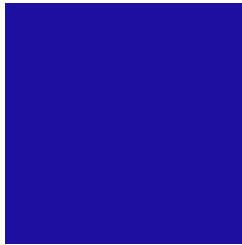
4287561858



4279173134

Previews

White Background



This preview shows how the Android color 4280094880 looks on a white background.

Color Contrast Check

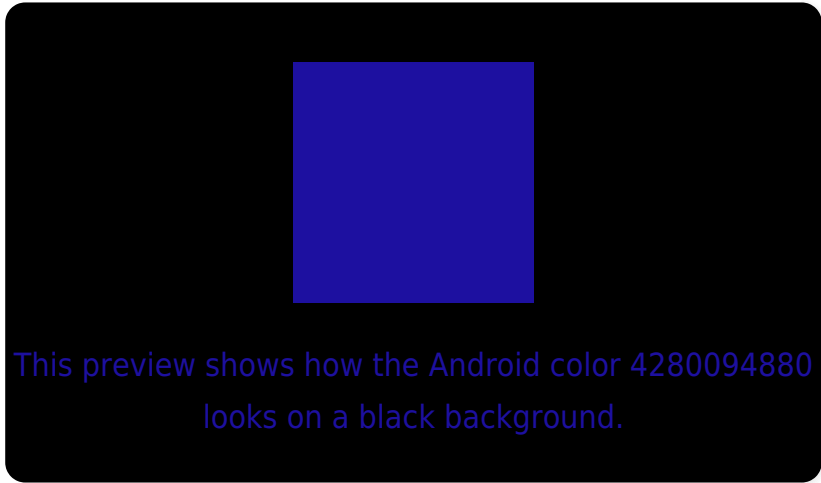
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280094880 Background



This preview shows how black text looks on a background with the Android color 4280094880.



This preview shows how white text looks on a background with the Android color 4280094880.

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
4280094880

Protanopia
4278202728

Deuteranopia
4278203736

Trichromacy



Original Color
4280094880

Protanomaly
4278920572

Deuteranomaly
4278921330

Tritanomaly
4278921824

Monochromacy



Original Color
4280094880

Achromatopsia
4280558628

Achromatomaly
4280360273

CSS Examples

Text

The CSS property to change the color of the text to Android 4280094880 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, 16, 160)` looks like.

```
.text, #text, p{  
    color:rgb(29, 16, 160)  
}
```

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, 16, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 16, 160) }
```

Border

The CSS property to change the border of an element to Android 4280094880 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, 16, 160) }
```

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

```
.border{ border-color:rgb(29, 16, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 16, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 16, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 16, 160);  
box-shadow:4px 4px 4px 4px rgb(29, 16,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4280094880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 16, 160) }
```

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

```
.background{ background-color: rgb(29, 16,  
160) }
```

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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