

Converting Colors

Android(4283433120)

Have a look what the booklet for
Android(4283433120) contains.

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Color

Android(4283433120)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 5000A0 |
| RGB | 80, 0, 160 |
| RGB Percent | 31%, 0%, 63% |
| CMY | 0.6863, 1.0000, 0.3725 |
| CMYK | 0.50, 1.00, 0.00, 0.37 |
| HSL | 270°, 100%, 31% |
| HSV | 270°, 100%, 63% |
| XYZ | 9.6534, 4.2435, 33.5680 |
| YIQ | 42.1600, -3.6800, 66.7200 |

Conversions

Conversions Part 2

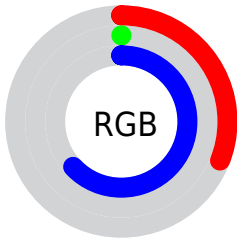
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 80, 0, 160 |
| Decimal | 5243040 |
| CIE Lab | 24.46, 58.88, -65.35 |
| CIE LCh | 24, 87.965, 312.021 |
| Yxy | 4.2435, 0.2034, 0.0894 |
| Android (android.graphics.Color) | 4283433120 (0xFF5000A0) |
| YUV | 42.1600, 58.0951, 33.1857 |
| Hunter-Lab | 20.5999, 47.5983, -82.1947 |

Details

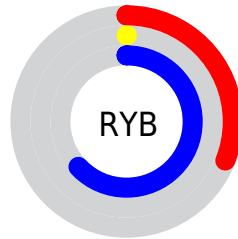
The Android color **4283433120** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4283473920**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4287250904**, and **4278517867** is the 20% darker color. If you saturate the color by 10%, you get **4283433120**, and if you desaturate by 10%, it is **4283961504**.

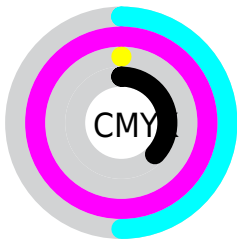
Distribution



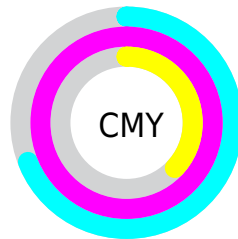
- Red (31%)
- Green (0%)
- Blue (63%)



- Red (31%)
- Yellow (0%)
- Blue (63%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (69%)
- Magenta (100%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283433120 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 4283433120 by changing the saturation by 10% instead.

 4283433120

 4283433120

4294967295


 4281401477

 4287250904

 4278517867

 4289158389

 4278190162

 4291131135

 4278191418

 4293038591

 4278190627

 4294946303

 4278190090

 4294953471

 4278190080

 4294960895

 4283433120

■ 4283961504

■ 4284489888

■ 4285018272

■ 4285546656

■ 4286075040

■ 4286603424

■ 4287131808

■ 4287660192

■ 4288188576

Harmonies

Analogous

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



4278206146



4283433120



4287889509

Triad

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



4283433120



4284950016



4278210389

Complementary

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



4283433120



4283473920

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.



4278209801



4283433120



4281286656

Square

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



4283433120



4287561728



4278209024



4278210964

Rectangle

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



4283433120



4288806969



4278209024



4278210365

Sweetspot

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



4283433120



4289893073



4278210720



4283843433



4293454056



4285098345

Same Dimension

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



4283433120



4285071569



4288676000



4283123535



4282843279



4278714383

Inverse Universe

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



4288675920



4291887209



4278231040



4283385675



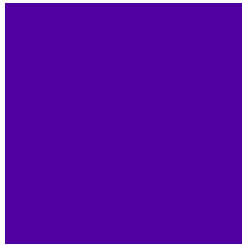
4287561799



4279173128

Previews

White Background



This preview shows how the Android color 4283433120 looks on a white background.

Color Contrast Check

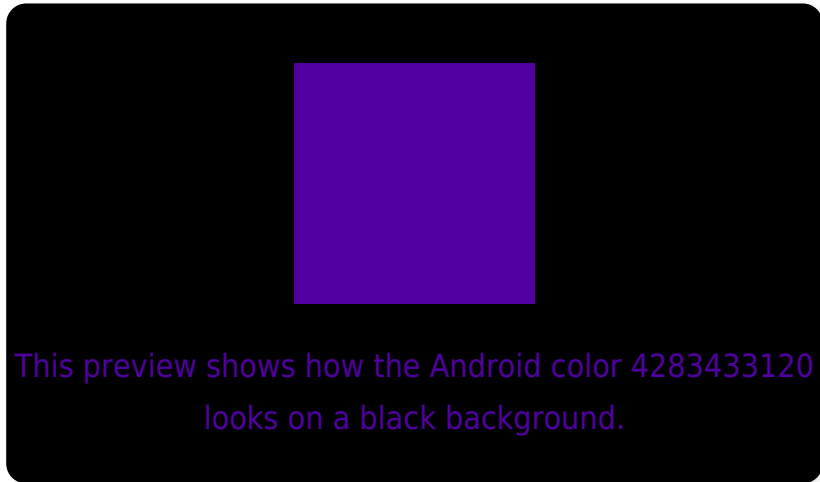
Large Text (above 18pt) WCAG AA ✓ Pass

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

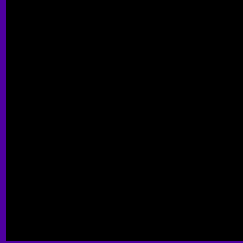
Any Text WCAG AA × Fail

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 4283433120 Background



This preview shows how black text looks on a background with the Android color 4283433120.



This preview shows how white text looks on a background with the Android color 4283433120.

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

4283433120

Protanopia

4278205308

Deuteranopia

4278206314

Trichromacy



Original Color
4283433120

Protanomaly
4280100489

Deuteranomaly
4280100990

Tritanomaly
4282328933

Monochromacy



Original Color
4283433120

Achromatopsia
4280953386

Achromatomaly
4281867093

CSS Examples

Text

The CSS property to change the color of the text to Android 4283433120 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(80, 0, 160)` looks like.

```
.text, #text, p{  
    color:rgb(80, 0, 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(80, 0, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 0, 160) }
```

Border

The CSS property to change the border of an element to Android 4283433120 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(80, 0, 160) }
```

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

```
.border{ border-color:rgb(80, 0, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 0, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 0, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 0, 160);  
box-shadow:4px 4px 4px 4px rgb(80, 0, 160)  
}
```

Background

The CSS property to change the background color of an element to Android 4283433120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 0, 160) }
```

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

```
.background{ background-color: rgb(80, 0,  
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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