

Converting Colors

Android(4282061000)

Have a look what the booklet for
Android(4282061000) contains.

Android(4282061000)	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(4282061000)

Conversions

Conversions Part 1

Format	Color
Hex	3B10C8
RGB	59, 16, 200
RGB Percent	23%, 6%, 78%
CMY	0.7686, 0.9373, 0.2157
CMYK	0.70, 0.92, 0.00, 0.22
HSL	254°, 85%, 42%
HSV	254°, 92%, 78%
XYZ	12.4143, 5.4705, 55.0452
YIQ	49.8330, -33.4360, 66.3400

Conversions

Conversions Part 2

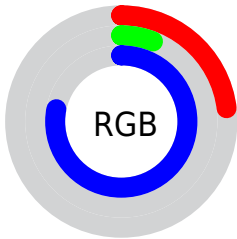
Format	Color
RYB	59, 16, 200
Decimal	3870920
CIELab	28.04, 63.88, -83.40
CIELCh	28, 105.054, 307.449
Yxy	5.4705, 0.1702, 0.0750
Android (android.graphics.Color)	4282061000 (0xFF3B10C8)
YUV	49.8330, 74.0323, 8.0395
Hunter-Lab	23.3891, 53.8114, -123.1637

Details

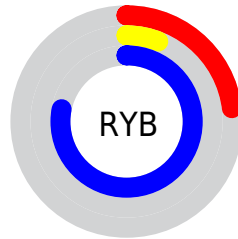
The Android color **4282061000** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **4288530448**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4286597631**, and **4278190224** is the 20% darker color. If you saturate the color by 10%, you get **4281270472**, and if you desaturate by 10%, it is **4283049160**.

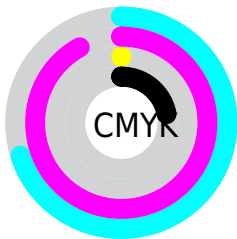
Distribution



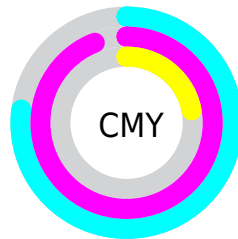
- Red (23%)
- Green (6%)
- Blue (78%)



- Red (23%)
- Yellow (6%)
- Blue (78%)



- Cyan (70%)
- Magenta (92%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (94%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282061000 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 4282061000 by changing the saturation by 10% instead.

 4282061000

 4282061000

4294967295

 4278190252

 4286597631

 4278190224

 4288636159

 4278190198

 4290674431

 4278191196

 4292713215

 4278191939

 4294751999

 4278190892

 4294955775

 4278190358

 4294963199

 4278190080

 4282061000

 4282061000

■ 4281270472

■ 4283049160

■ 4284102856

■ 4285091016

■ 4286079176

■ 4287132872

■ 4288121032

■ 4289109192

■ 4290162888

■ 4291151048

Harmonies

Analogous

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



4278210027



4282061000



4289200258

Triad

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



4282061000



4286586368



4278213206

Complementary

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



4282061000



4288530448

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.



4278212608



4282061000



4282402560

Square

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



4282061000



4289527808



4278211584



4278214054

Rectangle

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



4282061000



4290576461



4278211584



4278212921

Sweetspot

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



4282061000



4291344639



4279279048



4284372096



4278190080



4286611584

Same Dimension

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



4282061000



4282122495



4288090312



4284242531



4280680611



4278714404

Inverse Universe

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



4291301533



4294901955



4282501136



4284701281



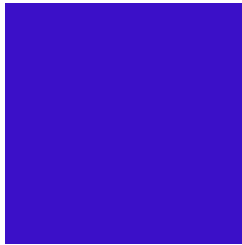
4288872573



4280549403

Previews

White Background



This preview shows how the Android color 4282061000 looks on a white background.

Color Contrast Check

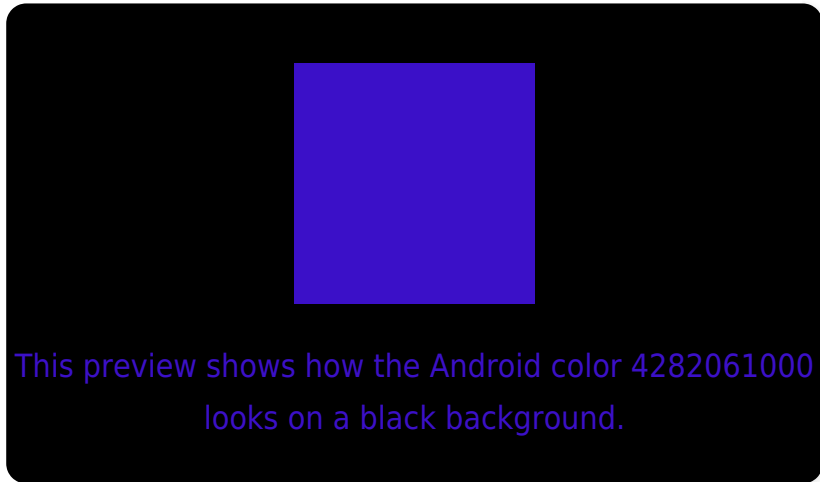
Large Text (above 18pt) WCAG AA ✓ Pass

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

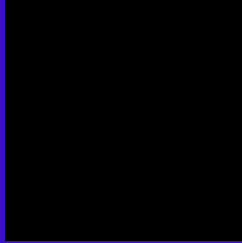
Any Text WCAG AA × Fail

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 4282061000 Background



This preview shows how black text looks on a background with the Android color 4282061000.



This preview shows how white text looks on a background with the Android color 4282061000.

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
4282061000

Protanopia
4278206856

Deuteranopia
4278207859

Trichromacy



Original Color
4282061000

Protanomaly
4279578527

Deuteranomaly
4279579282

Tritanomaly
4279580027

Monochromacy



Original Color
4282061000

Achromatopsia
4281479730

Achromatomaly
4281673321

CSS Examples

Text

The CSS property to change the color of the text to Android 4282061000 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(59, 16, 200)` looks like.

```
.text, #text, p{  
    color:rgb(59, 16, 200)  
}
```

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(59, 16, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 16, 200) }
```

Border

The CSS property to change the border of an element to Android 4282061000 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(59, 16, 200) }
```

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

```
.border{ border-color:rgb(59, 16, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 16, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 16, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 16, 200);  
box-shadow:4px 4px 4px 4px rgb(59, 16,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4282061000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 16, 200) }
```

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

```
.background{ background-color: rgb(59, 16,  
200) }
```

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