

Converting Colors

Android(4282321296)

Have a look what the booklet for
Android(4282321296) contains.

Android(4282321296)	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(4282321296)

Conversions

Conversions Part 1

Format	Color
Hex	3F0990
RGB	63, 9, 144
RGB Percent	25%, 4%, 56%
CMY	0.7529, 0.9647, 0.4353
CMYK	0.56, 0.94, 0.00, 0.44
HSL	264°, 88%, 30%
HSV	264°, 94%, 56%
XYZ	7.1816, 3.2658, 26.6374
YIQ	40.5360, -11.1510, 53.4330

Conversions

Conversions Part 2

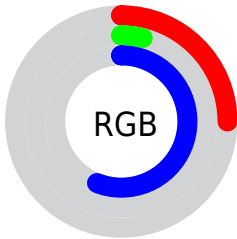
Format	Color
RYB	63, 9, 144
Decimal	4131216
CIELab	21.08, 51.56, -61.16
CIElCh	21, 79.992, 310.133
Yxy	3.2658, 0.1937, 0.0881
Android (android.graphics.Color)	4282321296 (0xFF3F0990)
YUV	40.5360, 51.0078, 19.7009
Hunter-Lab	18.0714, 39.3115, -74.7440

Details

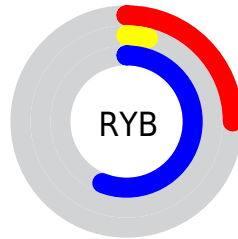
The Android color **4282321296** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4284125193**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4286136775**, and **4278190172** is the 20% darker color. If you saturate the color by 10%, you get **4281991312**, and if you desaturate by 10%, it is **4282914704**.

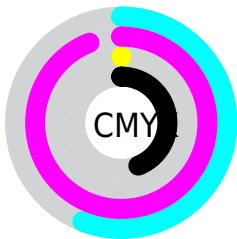
Distribution



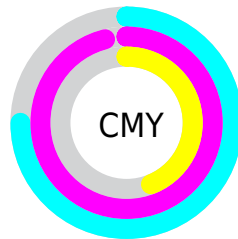
- Red (25%)
- Green (4%)
- Blue (56%)



- Red (25%)
- Yellow (4%)
- Blue (56%)



- Cyan (56%)
- Magenta (94%)
- Yellow (0%)
- Black (44%)



- Cyan (75%)
- Magenta (96%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282321296 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 4282321296 by changing the saturation by 10% instead.

 4282321296

 4282321296

4294967295

 4280156278

 4286136775


 4278190172

 4287978212

 4278190148

 4289885439

 4278190892

 4291792895

 4278190359

 4293765887

 4278190080

 4294952703

 4294959871

 4282321296

 4282321296

■ 4281991312

■ 4282914704

■ 4283442832

■ 4284036240

■ 4284629904

■ 4285157776

■ 4285751184

■ 4286279312

■ 4286872720

■ 4287466384

Harmonies

Analogous

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



4278204588



4282321296



4286644316

Triad

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



4282321296



4284358144



4278208070

Complementary

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



4282321296



4284125193

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.



4278207489



4282321296



4281153280

Square

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



4282321296



4286578688



4278206464



4278208384

Rectangle

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



4282321296



4287496246



4278206464



4278207794

Sweetspot

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



4282321296



4288382650



4278803088



4283121246



4292796126



4284374622

Same Dimension

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



4282321296



4283039930



4286777744



4282597447



4281729159



4278386696

Inverse Universe

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



4287629658



4290379888



4279734281



4282859589



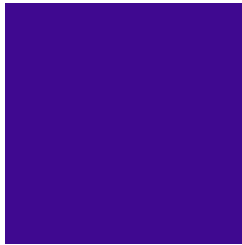
4287037521



4278714373

Previews

White Background



This preview shows how the Android color 4282321296 looks on a white background.

Color Contrast Check

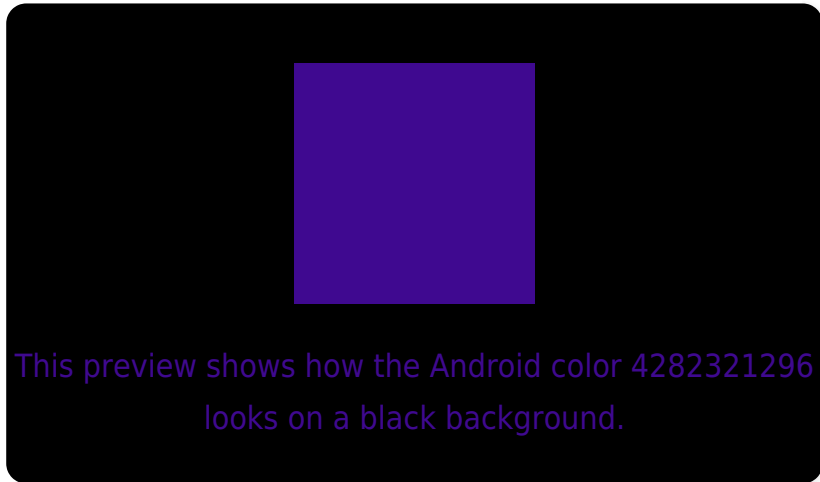
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282321296 Background



This preview shows how black text looks on a background with the Android color 4282321296.



This preview shows how white text looks on a background with the Android color 4282321296.

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
4282321296

Protanopia
4278203243

Deuteranopia
4278203995

Trichromacy



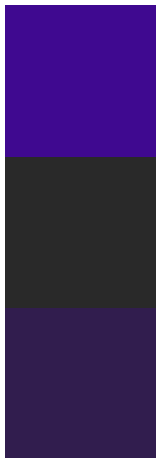
Original Color
4282321296

Protanomaly
4279706744

Deuteranomaly
4279707246

Tritanomaly
4281018203

Monochromacy



Original Color
4282321296

Achromatopsia
4280887593

Achromatomaly
4281408846

CSS Examples

Text

The CSS property to change the color of the text to Android 4282321296 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(63, 9, 144)` looks like.

```
.text, #text, p{  
    color:rgb(63, 9, 144)  
}
```

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(63, 9, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 9, 144) }
```

Border

The CSS property to change the border of an element to Android 4282321296 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(63, 9, 144) }
```

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

```
.border{ border-color:rgb(63, 9, 144) }
```

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

Here you see how a box with a 4 pixel rgb(63, 9, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 9, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 9, 144);  
box-shadow:4px 4px 4px 4px rgb(63, 9, 144)  
}
```

Background

The CSS property to change the background color of an element to Android 4282321296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 9, 144) }
```

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

```
.background{ background-color: rgb(63, 9,  
144) }
```

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