

Converting Colors

Android(4286251142)

Have a look what the booklet for
Android(4286251142) contains.

Android(4286251142)	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(4286251142)

Conversions

Conversions Part 1

Format	Color
Hex	7B0086
RGB	123, 0, 134
RGB Percent	48%, 0%, 53%
CMY	0.5176, 1.0000, 0.4745
CMYK	0.08, 1.00, 0.00, 0.47
HSL	295°, 100%, 26%
HSV	295°, 100%, 53%
XYZ	12.4715, 5.9322, 23.0420
YIQ	52.0530, 30.2940, 67.7500

Conversions

Conversions Part 2

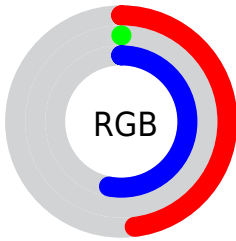
Format	Color
RYB	123, 0, 134
Decimal	8061062
CIELab	29.24, 59.07, -41.18
CIElCh	29, 72.011, 325.118
Yxy	5.9322, 0.3009, 0.1431
Android (android.graphics.Color)	4286251142 (0xFF7B0086)
YUV	52.0530, 40.3999, 62.2205
Hunter-Lab	24.3561, 48.7773, -39.0418

Details

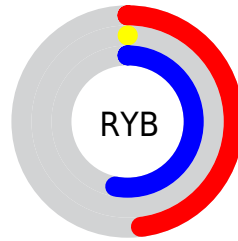
The Android color **4286251142** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **4278945280**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4289939644**, and **4282712147** is the 20% darker color. If you saturate the color by 10%, you get **4286251142**, and if you desaturate by 10%, it is **4286320006**.

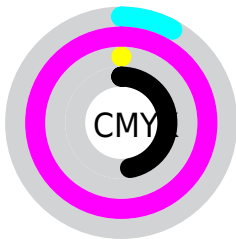
Distribution



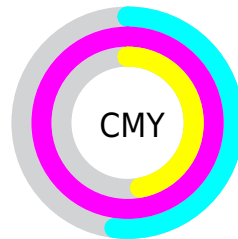
- Red (48%)
- Green (0%)
- Blue (53%)



- Red (48%)
- Yellow (0%)
- Blue (53%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286251142 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 4286251142 by changing the saturation by 10% instead.

 4286251142


 4286251142

4294967295

 4284481644

 4289939644

 4282712147

 4291847128

 4281204796

 4293754613

 4278517797

 4294941439

 4278190349

 4294948607

 4278190080

 4294956031

 4294963455

 4286251142

■ 4286320006

■ 4286389126

■ 4286457990

■ 4286527110

■ 4286661510

■ 4286730374

■ 4286799494

■ 4286868358

■ 4286937478

Harmonies

Analogous

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



4278205357



4286251142



4288479313

Triad

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



4286251142



4284301312



4278213235

Complementary

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



4286251142



4278945280

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.



4278212922



4286251142



4280635136

Square

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



4286251142



4286914560



4278212096



4278213026

Rectangle

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



4286251142



4288675884



4278212096



4278213217

Sweetspot

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



4286251142



4289296813



4278193030



4283709271



4292269782



4283914071

Same Dimension

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



4286251142



4288610477



4286971982



4282530882



4285988994



4278321155

Inverse Universe

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



4286971915



4289527822



4278224440



4282530876



4286709771



4278386688

Previews

White Background



This preview shows how the Android color 4286251142 looks on a white background.

Color Contrast Check

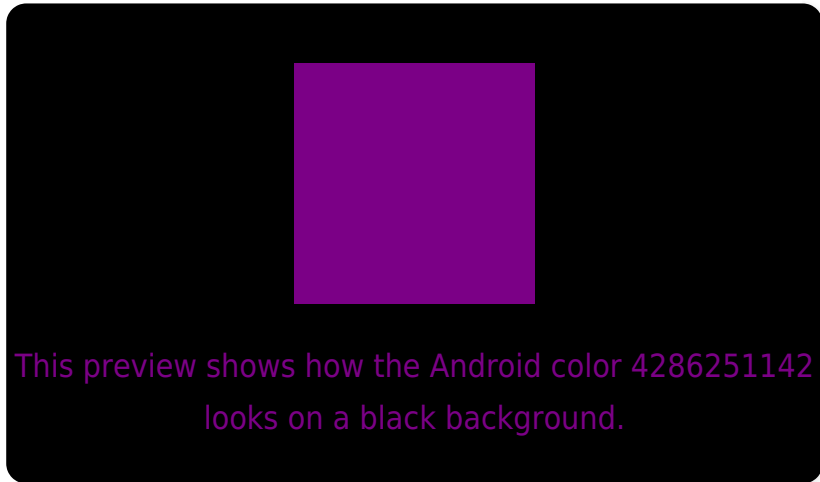
Large Text (above 18pt) WCAG AA ✓ Pass

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

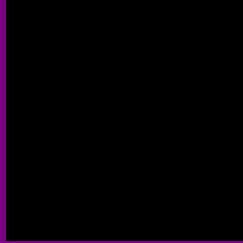
Any Text WCAG AA × Fail

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 4286251142 Background



This preview shows how black text looks on a background with the Android color 4286251142.



This preview shows how white text looks on a background with the Android color 4286251142.

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

4286251142

Protanopia

4278208147

Deuteranopia

4279978366

Trichromacy



Original Color
4286251142

Protanomaly
4281150862

Deuteranomaly
4282265217

Tritanomaly
4285866580

Monochromacy



Original Color
4286251142

Achromatopsia
4281611316

Achromatomaly
4283310418

CSS Examples

Text

The CSS property to change the color of the text to Android 4286251142 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(123, 0, 134)` looks like.

```
.text, #text, p{  
    color:rgb(123, 0, 134)  
}
```

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(123, 0, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 0, 134) }
```

Border

The CSS property to change the border of an element to Android 4286251142 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(123, 0, 134) }
```

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

```
.border{ border-color:rgb(123, 0, 134) }
```

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

Here you see how a box with a 4 pixel rgb(123, 0, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 0, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 0, 134);  
box-shadow:4px 4px 4px 4px rgb(123, 0,  
134) }
```

Background

The CSS property to change the background color of an element to Android 4286251142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 0, 134) }
```

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

```
.background{ background-color: rgb(123, 0,  
134) }
```

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