

Converting Colors

Android(4286848440)

Have a look what the booklet for
Android(4286848440) contains.

Android(4286848440)	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(4286848440)

Conversions

Conversions Part 1

Format	Color
Hex	841DB8
RGB	132, 29, 184
RGB Percent	52%, 11%, 72%
CMY	0.4824, 0.8863, 0.2784
CMYK	0.28, 0.84, 0.00, 0.28
HSL	280°, 73%, 42%
HSV	280°, 84%, 72%
XYZ	18.6068, 9.2450, 46.1512
YIQ	77.4670, 11.6330, 70.0410

Conversions

Conversions Part 2

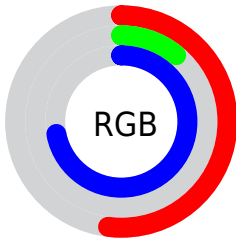
Format	Color
RYB	132, 29, 184
Decimal	8658360
CIELab	36.45, 64.24, -59.80
CIElCh	36, 87.765, 317.049
Yxy	9.2450, 0.2514, 0.1249
Android (android.graphics.Color)	4286848440 (0xFF841DB8)
YUV	77.4670, 52.5208, 47.8254
Hunter-Lab	30.4055, 56.0243, -68.7098

Details

The Android color **4286848440** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4283545629**, and the grayscale version is **4283256141**.

A 20% lighter version of the original color is **4290664945**, and **4283105410** is the 20% darker color. If you saturate the color by 10%, you get **4286450616**, and if you desaturate by 10%, it is **4287246264**.

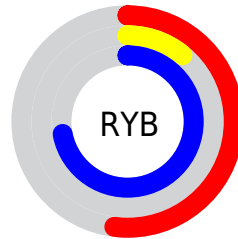
Distribution



Red (52%)

Green (11%)

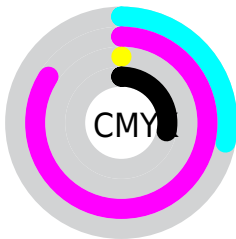
Blue (72%)



Red (52%)

Yellow (11%)

Blue (72%)

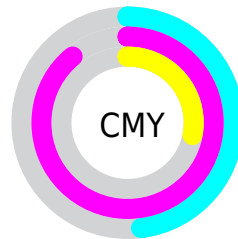


Cyan (28%)

Magenta (84%)

Yellow (0%)

Black (28%)



Cyan (48%)

Magenta (89%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286848440 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 4286848440 by changing the saturation by 10% instead.

 4286848440

 4286848440

4294967295

 4285005981

 4290664945

 4283105410

 4292572415

 4281204840

 4294545663

 4279042127

 4294946047

 4278190135

 4294953471

 4278190624

 4294960895

 4278190085

 4278190080

 4286848440

 4286848440

■ 4286450616

■ 4287246264

■ 4286185656

■ 4287644344

■ 4288107704

■ 4288505784

■ 4288903608

■ 4289301432

■ 4289699512

■ 4290097336

■ 4290560952

Harmonies

Analogous

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



4278211553



4286848440



4290642039

Triad

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



4286848440



4286728192



4278218878

Complementary

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



4286848440



4283545629

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.



4278218291



4286848440



4282605312

Square

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



4286848440



4289725440



4278216960



4278218686

Rectangle

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



4286848440



4291297353



4278216960



4278218597

Sweetspot

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



4286848440



4292654320



4280112056



4285289592



4294440951



4286085240

Same Dimension

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



4286848440



4288610544



4290256289



4284044124



4284940444



4279435292

Inverse Universe

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



4290256209



4293918800



4280137780



4284240726



4288413748



4280025097

Previews

White Background



This preview shows how the Android color 4286848440 looks on a white background.

Color Contrast Check

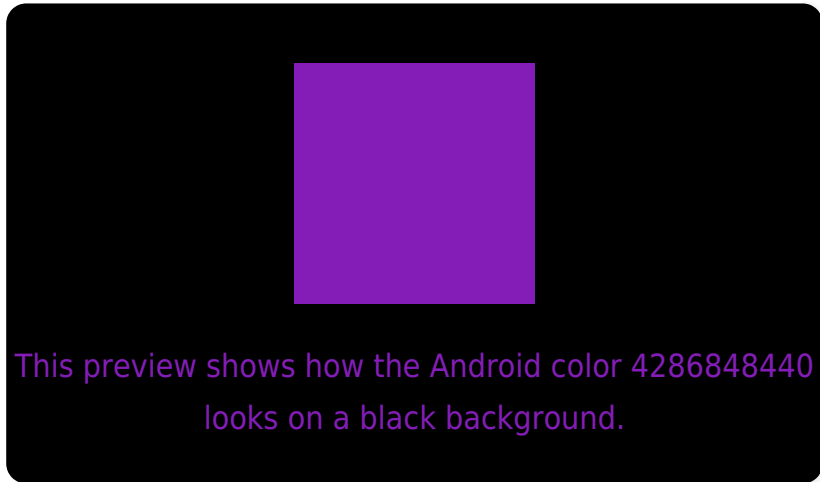
Large Text (above 18pt) WCAG AA ✓ Pass

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

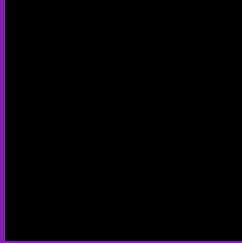
Any Text WCAG AA × Fail

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 4286848440 Background



This preview shows how black text looks on a background with the Android color 4286848440.



This preview shows how white text looks on a background with the Android color 4286848440.

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

4286848440

Protanopia

4278211761

Deuteranopia

4278213018

Trichromacy



Original Color

4286848440



Protanomaly

4281352372



Deuteranomaly

4281353125



Tritanomaly

4286135158

Monochromacy



Original Color

4286848440



Achromatopsia

4283256141



Achromatomaly

4284562548

CSS Examples

Text

The CSS property to change the color of the text to Android 4286848440 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(132, 29, 184)` looks like.

```
.text, #text, p{  
    color:rgb(132, 29, 184)  
}
```

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(132, 29, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 29, 184) }
```

Border

The CSS property to change the border of an element to Android 4286848440 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(132, 29, 184) }
```

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

```
.border{ border-color:rgb(132, 29, 184) }
```

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

Here you see how a box with a 4 pixel rgb(132, 29, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 29, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 29, 184);  
box-shadow:4px 4px 4px 4px rgb(132, 29,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4286848440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 29, 184) }
```

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

```
.background{ background-color: rgb(132, 29,  
184) }
```

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