

Converting Colors

Android(4286917821)

Have a look what the booklet for
Android(4286917821) contains.

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Color

Android(4286917821)

Conversions

Conversions Part 1

Format	Color
Hex	852CBD
RGB	133, 44, 189
RGB Percent	52%, 17%, 74%
CMY	0.4784, 0.8275, 0.2588
CMYK	0.30, 0.77, 0.00, 0.26
HSL	277°, 62%, 46%
HSV	277°, 77%, 74%
XYZ	19.7589, 10.4620, 49.1221
YIQ	87.1410, 6.4990, 63.9630

Conversions

Conversions Part 2

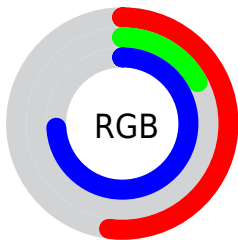
Format	Color
R _Y B	133, 44, 189
Decimal	8727741
CIE Lab	38.66, 60.60, -59.15
CIE LCh	39, 84.680, 315.691
Yxy	10.4620, 0.2490, 0.1319
Android (android.graphics.Color)	4286917821 (0xFF852CBD)
YUV	87.1410, 50.2165, 40.2183
Hunter-Lab	32.3451, 52.4377, -67.4015

Details

The Android color **4286917821** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4284792108**, and the grayscale version is **4283914071**.

A 20% lighter version of the original color is **4290733046**, and **4283170951** is the 20% darker color. If you saturate the color by 10%, you get **4286454205**, and if you desaturate by 10%, it is **4287381437**.

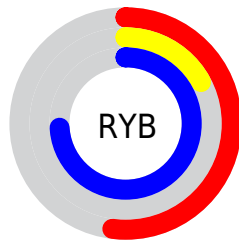
Distribution



Red (52%)

Green (17%)

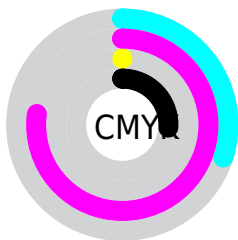
Blue (74%)



Red (52%)

Yellow (17%)

Blue (74%)

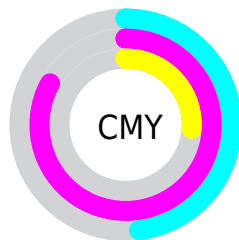


Cyan (30%)

Magenta (77%)

Yellow (0%)

Black (26%)



Cyan (48%)

Magenta (83%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286917821 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 4286917821 by changing the saturation by 10% instead.



4286917821



4286917821

4294967295



4285073057



4290733046



4283170951



4292640511



4281270380



4294613759



4279369811



4294948607



4278190139



4294956031



4278190628



4294963455



4278190092



4278190080



4286917821



4286917821

■ 4286454205

■ 4287381437

■ 4285925053

■ 4287910589

■ 4285792445

■ 4288374205

■ 4288837821

■ 4289301437

■ 4289830333

■ 4290293949

■ 4290757565

■ 4291286717

Harmonies

Analogous

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



4278213091



4286917821



4290773119

Triad

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



4286917821



4287253504



4278220159

Complementary

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



4286917821



4284792108

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.



4278219574



4286917821



4283327232

Square

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



4286917821



4290123264



4278218240



4278220222

Rectangle

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



4286917821



4291559506



4278218240



4278220135

Sweetspot

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



4286917821



4292852981



4281099965



4285356154



4294638330



4286216826

Same Dimension

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



4286917821



4288550133



4290587823



4284175710



4284547230



4279435295

Inverse Universe

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



4290587748



4294251627



4281122106



4284372313



4288544829



4280221708

Previews

White Background



This preview shows how the Android color 4286917821 looks on a white background.

Color Contrast Check

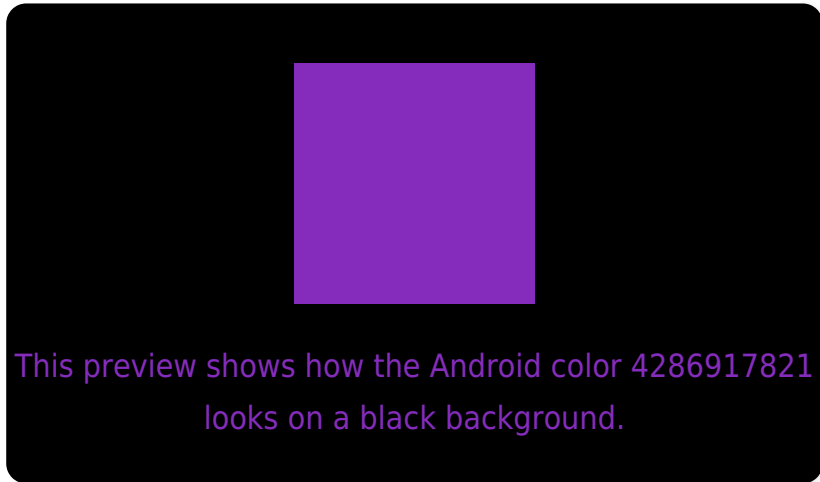
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4286917821 Background



This preview shows how black text looks on a background with the Android color 4286917821.



This preview shows how white text looks on a background with the Android color 4286917821.

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

4286917821

Protanopia

4278212795

Deuteranopia

4278214307



Tritanopia
4285813337

Trichromacy



Original Color

4286917821



Protanomaly

4281354428



Deuteranomaly

4281355436



Tritanomaly

4286203005

Monochromacy



Original Color

4286917821



Achromatopsia

4283914071



Achromatomaly

4285024124

CSS Examples

Text

The CSS property to change the color of the text to Android 4286917821 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(133, 44, 189)` looks like.

```
.text, #text, p{  
    color:rgb(133, 44, 189)  
}
```

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(133, 44, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 44, 189) }
```

Border

The CSS property to change the border of an element to Android 4286917821 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(133, 44, 189) }
```

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

```
.border{ border-color:rgb(133, 44, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 44, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 44, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 44, 189);  
box-shadow:4px 4px 4px 4px rgb(133, 44,  
189) }
```

Background

The CSS property to change the background color of an element to Android 4286917821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 44, 189) }
```

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

```
.background{ background-color: rgb(133, 44,  
189) }
```

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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