

Converting Colors

Android(4286924001)

Have a look what the booklet for
Android(4286924001) contains.

Android(4286924001)	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(4286924001)

Conversions

Conversions Part 1	
Format	Color
Hex	8544E1
RGB	133, 68, 225
RGB Percent	52%, 27%, 88%
CMY	0.4784, 0.7333, 0.1176
CMYK	0.41, 0.70, 0.00, 0.12
HSL	265°, 72%, 57%
HSV	265°, 70%, 88%
XYZ	25.3306, 14.5570, 72.7089
YIQ	105.3330, -11.6570, 62.6070

Conversions

Conversions Part 2

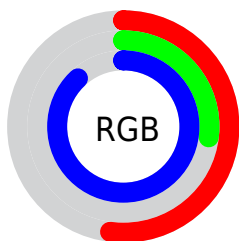
Format	Color
RYB	133, 68, 225
Decimal	8733921
CIELab	45.02, 58.74, -69.60
CIELCh	45, 91.078, 310.163
Yxy	14.5570, 0.2250, 0.1293
Android (android.graphics.Color)	4286924001 (0xFF8544E1)
YUV	105.3330, 58.9958, 24.2640
Hunter-Lab	38.1537, 51.7389, -86.2805

Details

The Android color **4286924001** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **4288733508**, and the grayscale version is **4285098345**.

A 20% lighter version of the original color is **4290804223**, and **4282976168** is the 20% darker color. If you saturate the color by 10%, you get **4286066145**, and if you desaturate by 10%, it is **4287781601**.

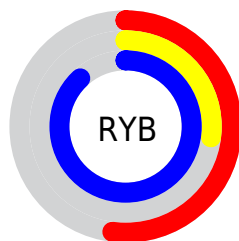
Distribution



Red (52%)

Green (27%)

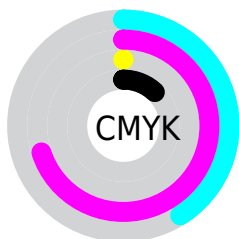
Blue (88%)



Red (52%)

Yellow (27%)

Blue (88%)

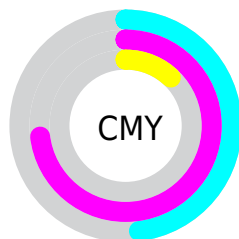


Cyan (41%)

Magenta (70%)

Yellow (0%)

Black (12%)



Cyan (48%)

















Magenta (73%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286924001 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 4286924001 by changing the saturation by 10% instead.

 4286924001	 4286924001
4294967295	 4284950980
 4290804223	 4282976168
 4292777215	 4280680589
 4294750463	 4278190195
 4294954239	 4278190169
 4294961663	 4278191937
	 4278190890
	 4278190356
	 4278190080

 4286924001

 4286924001

 4286066145

 4287781601

 4285208545

 4288639457

 4284285153

 4289562849

 4290420449

 4291278049

 4292135905

 4292993505

 4293851361

 4294770657

Harmonies

Analogous

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



4278218495



4286924001



4292018336

Triad

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



4286924001



4289352448



4278225028

Complementary

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



4286924001



4288733508

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.



4278224178



4286924001



4285231104

Square

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



4286924001



4292282369



4278222592



4278225101

Rectangle

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



4286924001



4293263470



4278222592



4278224745

Sweetspot

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



4286924001



4292921855



4282688225



4285358208



4278190080



4286611584

Same Dimension

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



4286924001



4286654975



4291904737



4285162864



4282974384



4279500848

Inverse Universe

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



4292953248



4294912422



4283752772



4285556076



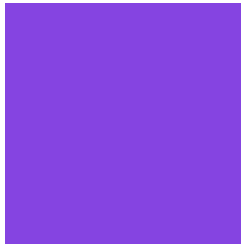
4289724519



4281335836

Previews

White Background



This preview shows how the Android color 4286924001 looks on a white background.

Color Contrast Check

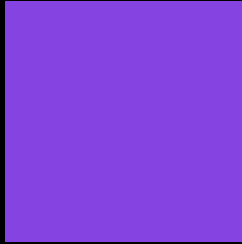
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4286924001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

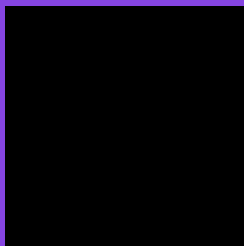
Any Text WCAG AA × Fail

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 4286924001 Background



This preview shows how black text looks on a background with the Android color 4286924001.



This preview shows how white text looks on a background with the Android color 4286924001.

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

4286924001

Protanopia

4278216665

Deuteranopia

4278218172

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4286924001 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, 68, 225)` looks like.

```
.text, #text, p{  
    color:rgb(133, 68, 225)  
}
```

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, 68, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 68, 225) }
```

Border

The CSS property to change the border of an element to Android 4286924001 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, 68, 225) }
```

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

```
.border{ border-color:rgb(133, 68, 225) }
```

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

Here you see how a box with a 4 pixel rgb(133, 68, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 68, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 68, 225);  
box-shadow:4px 4px 4px 4px rgb(133, 68,  
225) }
```

Background

The CSS property to change the background color of an element to Android 4286924001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 68, 225) }
```

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

```
.background{ background-color: rgb(133, 68,  
225) }
```

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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