

Converting Colors

Android(4286578845)

Have a look what the booklet for
Android(4286578845) contains.

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Color

Android(4286578845)

Conversions

Conversions Part 1

Format	Color
Hex	80009D
RGB	128, 0, 157
RGB Percent	50%, 0%, 62%
CMY	0.4980, 1.0000, 0.3843
CMYK	0.18, 1.00, 0.00, 0.38
HSL	289°, 100%, 31%
HSV	289°, 100%, 62%
XYZ	14.9879, 7.0235, 32.4640
YIQ	56.1700, 25.8910, 75.9630

Conversions

Conversions Part 2

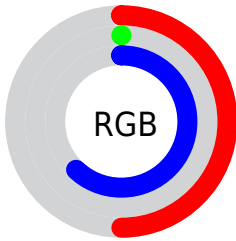
Format	Color
R_{YB}	128, 0, 157
Decimal	8388765
CIE _{Lab}	31.86, 63.83, -51.09
CIE _{LCh}	32, 81.764, 321.326
Yxy	7.0235, 0.2751, 0.1289
Android (android.graphics.Color)	4286578845 (0xFF80009D)
YUV	56.1700, 49.7092, 62.9949
Hunter-Lab	26.5019, 54.5705, -54.0770

Details

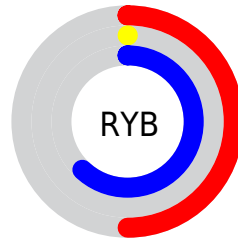
The Android color **4286578845** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4280130816**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4290333396**, and **4282974313** is the 20% darker color. If you saturate the color by 10%, you get **4286578845**, and if you desaturate by 10%, it is **4286779549**.

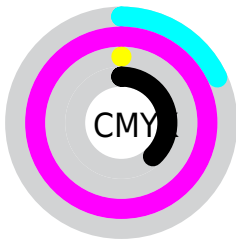
Distribution



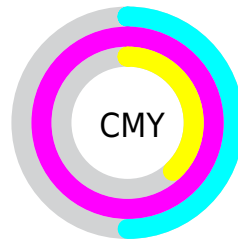
- Red (50%)
- Green (0%)
- Blue (62%)



- Red (50%)
- Yellow (0%)
- Blue (62%)



- Cyan (18%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (50%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286578845 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 4286578845 by changing the saturation by 10% instead.

 4286578845

 4286578845

4294967295

 4284743810

 4290333396

 4282974313

 4292241137

 4281270352

 4294214399

 4279107640

 4294942463

 4278190625

 4294949887

 4278190086

 4294957055

 4278190080

 4294964735

 4286578845

■ 4286779549

■ 4286979997

■ 4287180701

■ 4287381405

■ 4287582109

■ 4287717021

■ 4287917725

■ 4288118429

■ 4288318877

Harmonies

Analogous

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



4278207686



4286578845



4289527905

Triad

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



4286578845



4285284864



4278215545

Complementary

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



4286578845



4280130816

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.



4278214966



4286578845



4281226496

Square

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



4286578845



4288156160



4278213888



4278215345

Rectangle

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



4286578845



4289921079



4278213888



4278215267

Sweetspot

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



4286578845



4290875340



4278198173



4284432742



4293322470



4284900966

Same Dimension

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



4286578845



4289069260



4288479342



4283320143



4285792399



4278976527

Inverse Universe

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



4288479261



4291559462



4278230319



4283385673



4287561754



4279173123

Previews

White Background



This preview shows how the Android color 4286578845 looks on a white background.

Color Contrast Check

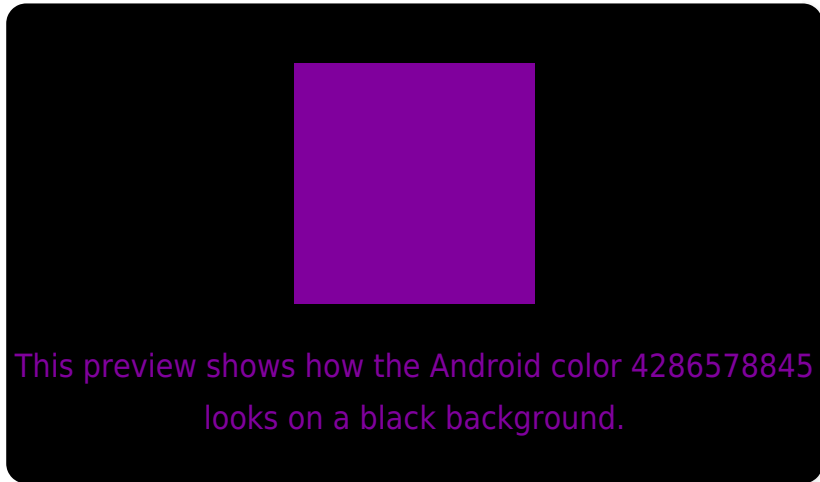
Large Text (above 18pt) WCAG AA ✓ Pass

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

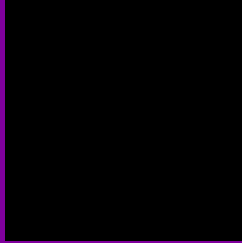
Any Text WCAG AA × Fail

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 4286578845 Background



This preview shows how black text looks on a background with the Android color 4286578845.



This preview shows how white text looks on a background with the Android color 4286578845.

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

4286578845

Protanopia

4278209439

Deuteranopia

4278210699

Trichromacy



Original Color

4286578845



Protanomaly

4281282718



Deuteranomaly

4281283474



Tritanomaly

4286064483

Monochromacy



Original Color

4286578845



Achromatopsia

4281874488



Achromatomaly

4283573341

CSS Examples

Text

The CSS property to change the color of the text to Android 4286578845 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(128, 0, 157)` looks like.

```
.text, #text, p{  
    color:rgb(128, 0, 157)  
}
```

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(128, 0, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 0, 157) }
```

Border

The CSS property to change the border of an element to Android 4286578845 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(128, 0, 157) }
```

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

```
.border{ border-color:rgb(128, 0, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 0, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 0, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 0, 157);  
box-shadow:4px 4px 4px 4px rgb(128, 0,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4286578845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 0, 157) }
```

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

```
.background{ background-color: rgb(128, 0,  
157) }
```

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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