

Converting Colors

Android(4286054539)

Have a look what the booklet for
Android(4286054539) contains.

Android(4286054539)	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(4286054539)

Conversions

Conversions Part 1

Format	Color
Hex	78008B
RGB	120, 0, 139
RGB Percent	47%, 0%, 55%
CMY	0.5294, 1.0000, 0.4549
CMYK	0.14, 1.00, 0.00, 0.45
HSL	292°, 100%, 27%
HSV	292°, 100%, 55%
XYZ	12.4059, 5.8571, 24.9028
YIQ	51.7260, 26.9010, 68.6690

Conversions

Conversions Part 2

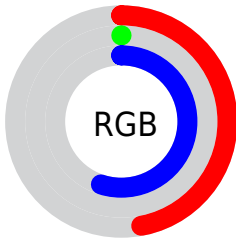
Format	Color
R_{YB}	120, 0, 139
Decimal	7864459
CIE _{Lab}	29.05, 59.45, -44.64
CIE _{LCh}	29, 74.345, 323.100
Yxy	5.8571, 0.2874, 0.1357
Android (android.graphics.Color)	4286054539 (0xFF78008B)
YUV	51.7260, 43.0261, 59.8763
Hunter-Lab	24.2015, 49.1480, -44.0668

Details

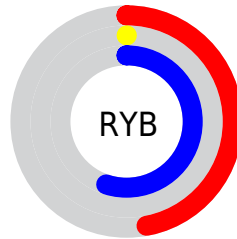
The Android color **4286054539** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **4279470848**, and the grayscale version is **4281545523**.

A 20% lighter version of the original color is **4289742785**, and **4282515544** is the 20% darker color. If you saturate the color by 10%, you get **4286054539**, and if you desaturate by 10%, it is **4286189195**.

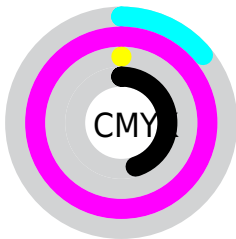
Distribution



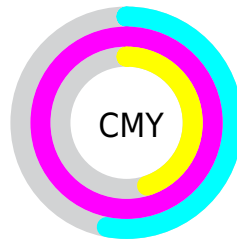
- Red (47%)
- Green (0%)
- Blue (55%)



- Red (47%)
- Yellow (0%)
- Blue (55%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286054539 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 4286054539 by changing the saturation by 10% instead.

 4286054539

 4286054539

4294967295

 4284285041

 4289742785

 4282515544

 4291650526

 4280942656

 4293558010

 4278190121

 4294941439

 4278190355

 4294948607

 4278190080

 4294956031

 4294963455

 4286054539

■ 4286189195

■ 4286323851

■ 4286458507

■ 4286593163

■ 4286727819

■ 4286796683

■ 4286931339

■ 4287065995

■ 4287200651

Harmonies

Analogous

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



4278205617



4286054539



4288544852

Triad

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



4286054539



4284497408



4278213233

Complementary

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



4286054539



4279470848

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.



4278212917



4286054539



4280765952

Square

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



4286054539



4287109376



4278212096



4278213026

Rectangle

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



4286054539



4288806959



4278212096



4278213213

Sweetspot

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



4286054539



4289626037



4278195595



4283906908



4292598747



4284243036

Same Dimension

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



4286054539



4288413877



4287299674



4282662469



4285661317



4278452229

Inverse Universe

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



4287299603



4290052121



4278225713



4282727999



4286906386



4278517761

Previews

White Background



This preview shows how the Android color 4286054539 looks on a white background.

Color Contrast Check

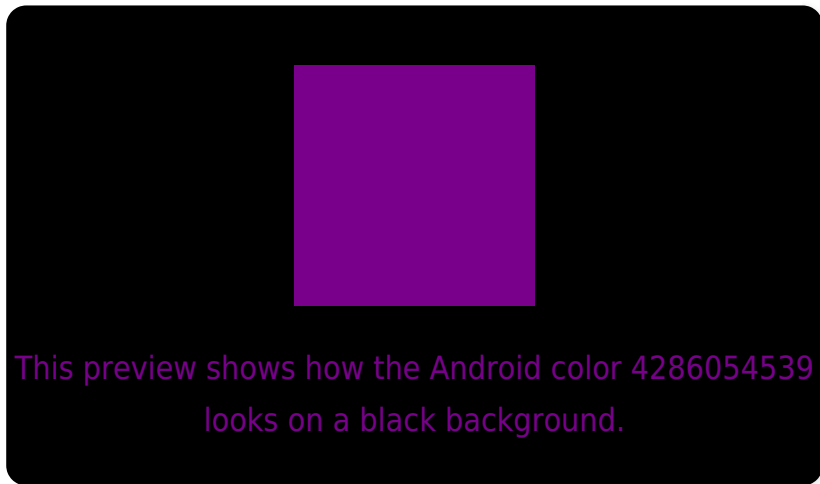
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286054539 Background



This preview shows how black text looks on a background with the Android color 4286054539.



This preview shows how white text looks on a background with the Android color 4286054539.

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
4286054539

Protanopia
4278207890

Deuteranopia
4278208897

Trichromacy



Original Color

4286054539



Protanomaly

4281085071



Deuteranomaly

4281085573



Tritanomaly

4285669975

Monochromacy



Original Color

4286054539



Achromatopsia

4281611316



Achromatomaly

4283244884

CSS Examples

Text

The CSS property to change the color of the text to Android 4286054539 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(120, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 139)  
}
```

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(120, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 139) }
```

Border

The CSS property to change the border of an element to Android 4286054539 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(120, 0, 139) }
```

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

```
.border{ border-color:rgb(120, 0, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 0, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(120, 0,  
139) }
```

Background

The CSS property to change the background color of an element to Android 4286054539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 139) }
```

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

```
.background{ background-color: rgb(120, 0,  
139) }
```

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