

Converting Colors

Android(4289937039)

Have a look what the booklet for
Android(4289937039) contains.

Android(4289937039)	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(4289937039)

Conversions

Conversions Part 1

Format	Color
Hex	B33E8F
RGB	179, 62, 143
RGB Percent	70%, 24%, 56%
CMY	0.2980, 0.7569, 0.4392
CMYK	0.00, 0.65, 0.20, 0.30
HSL	318°, 49%, 47%
HSV	318°, 65%, 70%
XYZ	25.2710, 15.0121, 27.5523
YIQ	106.2170, 43.7310, 49.9950

Conversions

Conversions Part 2

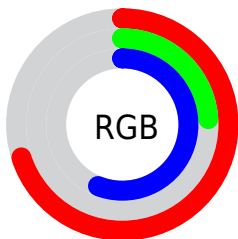
Format	Color
R _Y B	179, 62, 143
Decimal	11746959
CIE Lab	45.65, 55.78, -20.21
CIE LCh	46, 59.324, 340.085
Yxy	15.0121, 0.3725, 0.2213
Android (android.graphics.Color)	4289937039 (0xFFB33E8F)
YUV	106.2170, 18.1340, 63.8307
Hunter-Lab	38.7455, 48.6184, -15.0399

Details

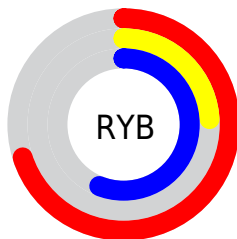
The Android color **4289937039** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **4282299234**, and the grayscale version is **4285164138**.

A 20% lighter version of the original color is **4293752261**, and **4286251100** is the 20% darker color. If you saturate the color by 10%, you get **4289932425**, and if you desaturate by 10%, it is **4289941653**.

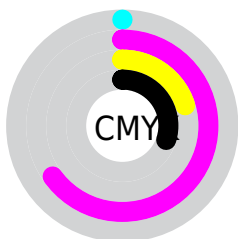
Distribution



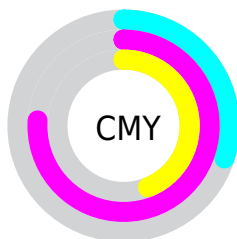
- Red (70%)
- Green (24%)
- Blue (56%)



- Red (70%)
- Yellow (24%)
- Blue (56%)



- Cyan (0%)
- Magenta (65%)
- Yellow (20%)
- Black (30%)



- Cyan (30%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289937039 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 4289937039 by changing the saturation by 10% instead.

 4289937039

 4289937039

4294967295

 4288094069

 4293752261

 4286251100

 4294939105

 4284416069

 4294946302

 4282712110

 4294953471

 4281073689

 4294960895

 4278190080

 4289937039

 4289937039

 4289932425

 4289941653

 4289927812

 4289946266

■ 4289923198

■ 4289950880

■ 4289921148

■ 4289955493

■ 4289960107

■ 4289964464

■ 4289969078

■ 4289973691

■ 4289978305

Harmonies

Analogous

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



4286732217



4289937039



4290983262

Triad

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



4289937039



4285755136



4278223275

Complementary

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



4289937039



4282299234

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.



4278223484



4289937039



4282087956

Square

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



4289937039



4288503040



4278222920



4278221770

Rectangle

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



4289937039



4290789182



4278222920



4278223517

Sweetspot

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



4289937039



4293442266



4284563123



4285880685



4294309365



4285887861

Same Dimension

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



4289937039



4293407664



4289936981



4284043351



4288217194



4279894034

Inverse Universe

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



4289937039



4293407664



4282299292



4284043351



4288217194



4279894034

Previews

White Background



This preview shows how the Android color 4289937039 looks on a white background.

Color Contrast Check

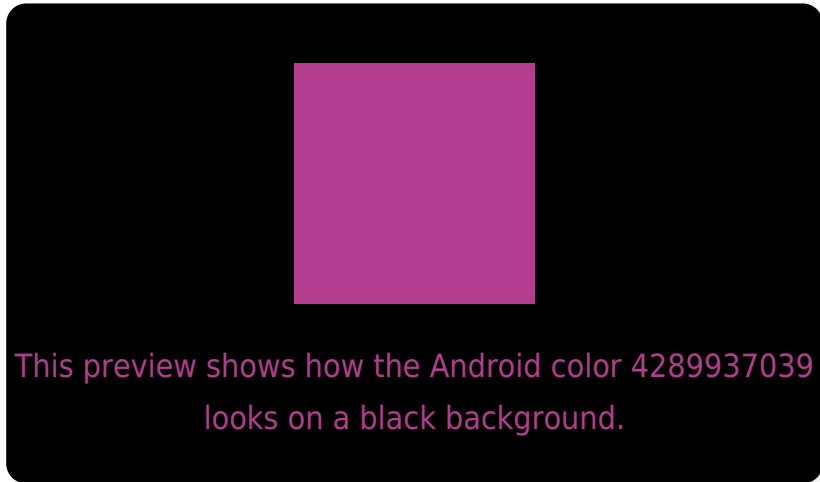
Large Text (above 18pt) WCAG AA ✓ Pass

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

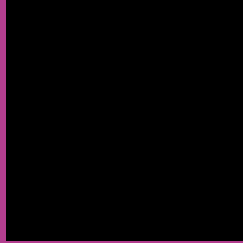
Any Text WCAG AA × Fail

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 4289937039 Background



This preview shows how black text looks on a background with the Android color 4289937039.



This preview shows how white text looks on a background with the Android color 4289937039.

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



Trichromacy



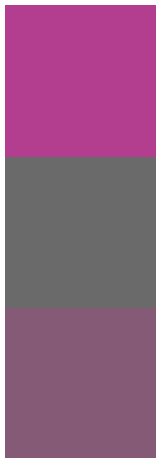
Original Color
4289937039

Protanomaly
4285815717

Deuteranomaly
4286864267

Tritanomaly
4289742953

Monochromacy



Original Color
4289937039

Achromatopsia
4285164138

Achromatomaly
4286929527

CSS Examples

Text

The CSS property to change the color of the text to Android 4289937039 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(179, 62, 143)` looks like.

```
.text, #text, p{  
    color:rgb(179, 62, 143)  
}
```

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(179, 62, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 62, 143) }
```

Border

The CSS property to change the border of an element to Android 4289937039 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(179, 62, 143) }
```

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

```
.border{ border-color:rgb(179, 62, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 62, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 62, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 62, 143);  
box-shadow:4px 4px 4px 4px rgb(179, 62,  
143) }
```

Background

The CSS property to change the background color of an element to Android 4289937039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 62, 143) }
```

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

```
.background{ background-color: rgb(179, 62,  
143) }
```

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