

Converting Colors

Android(4289856972)

Have a look what the booklet for
Android(4289856972) contains.

| | |
|--|----|
| Android(4289856972) | 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(4289856972)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B205CC |
| RGB | 178, 5, 204 |
| RGB Percent | 70%, 2%, 80% |
| CMY | 0.3020, 0.9804, 0.2000 |
| CMYK | 0.13, 0.98, 0.00, 0.20 |
| HSL | 292°, 95%, 41% |
| HSV | 292°, 98%, 80% |
| XYZ | 29.3135, 13.9332, 58.2711 |
| YIQ | 79.4130, 39.2290, 98.5650 |

Conversions

Conversions Part 2

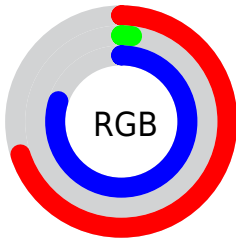
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 178, 5, 204 |
| Decimal | 11666892 |
| CIELab | 44.14, 78.60, -58.69 |
| CIElCh | 44, 98.100, 323.251 |
| Yxy | 13.9332, 0.2888, 0.1372 |
| Android (android.graphics.Color) | 4289856972 (0xFFB205CC) |
| YUV | 79.4130, 61.4214, 86.4608 |
| Hunter-Lab | 37.3271, 74.8557, -66.4282 |

Details

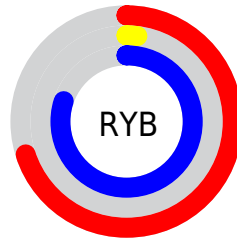
The Android color `4289856972` is a dark color, and the websafe version is hex `9900CC`. The color can be described as dark washed purple. A complement of this color would be `4280273925`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4293810687`, and `4286054549` is the 20% darker color. If you saturate the color by 10%, you get `4289790156`, and if you desaturate by 10%, it is `4290058700`.

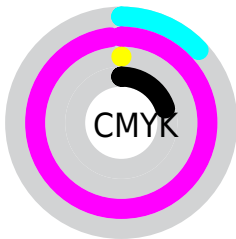
Distribution



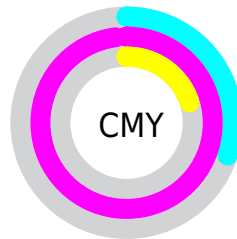
- Red (70%)
- Green (2%)
- Blue (80%)



- Red (70%)
- Yellow (2%)
- Blue (80%)



- Cyan (13%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (98%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289856972 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 4289856972 by changing the saturation by 10% instead.

 4289856972

 4289856972

4294967295

 4287955120

 4293810687

 4286054549

 4294932479

 4284153978

 4294939903

 4282318944

 4294947583

 4280352840

 4294955007

 4278190128

 4294962687

 4278190362

 4278190080

 4289856972

 4289856972

■ 4289790156

■ 4290058700

■ 4290195148

■ 4290396876

■ 4290598860

■ 4290735052

■ 4290936780

■ 4291138764

■ 4291274956

■ 4291476940

Harmonies

Analogous

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



4278213887



4289856972



4293329023

Triad

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



4289856972



4287586048



4278224808

Complementary

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



4289856972



4280273925

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.



4278224211



4289856972



4282349056

Square

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



4289856972



4291308288



4278223104



4278224365

Rectangle

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



4289856972



4293722185



4278223104



4278224780

Sweetspot

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



4289856972



4294292991



4278526156



4286206848



4278190080



4286611584

Same Dimension

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



4289856972



4292739327



4291560835



4284832870



4287627430



4280352806

Inverse Universe

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



4291560735



4294901793



4278570062



4284898397



4289069078



4280680453

Previews

White Background



This preview shows how the Android color 4289856972 looks on a white background.

Color Contrast Check

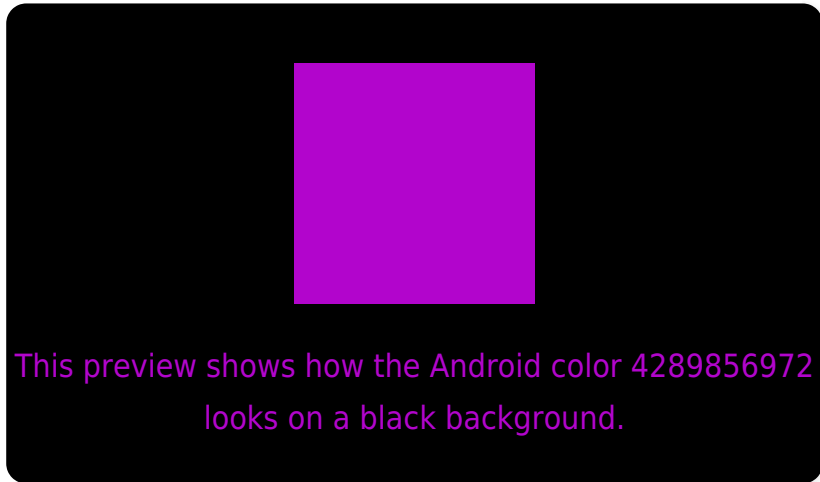
Large Text (above 18pt) WCAG AA ✓ Pass

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 4289856972 Background



This preview shows how black text looks on a background with the Android color 4289856972.



This preview shows how white text looks on a background with the Android color 4289856972.

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
4289856972

Protanopia
4278216408

Deuteranopia
4278217919

Trichromacy



Original Color

4289856972



Protanomaly

4282467284



Deuteranomaly

4282468292



Tritanomaly

4289213825

Monochromacy



Original Color

4289856972



Achromatopsia

4283387727



Achromatomaly

4285740156

CSS Examples

Text

The CSS property to change the color of the text to Android 4289856972 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(178, 5, 204)` looks like.

```
.text, #text, p{  
    color:rgb(178, 5, 204)  
}
```

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(178, 5, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 5, 204) }
```

Border

The CSS property to change the border of an element to Android 4289856972 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(178, 5, 204) }
```

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

```
.border{ border-color:rgb(178, 5, 204) }
```

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

Here you see how a box with a 4 pixel rgb(178, 5, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 5, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 5, 204);  
box-shadow:4px 4px 4px 4px rgb(178, 5,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4289856972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 5, 204) }
```

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

```
.background{ background-color: rgb(178, 5,  
204) }
```

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