Converting Colors

Android(4289472217)

Have a look what the booklet for Android(4289472217) contains.

Color

Android(4289472217)

Conversions

Format	Color
Hex	AC26D9
RGB	172, 38, 217
RGB Percent	67%, 15%, 85%
CMY	0.3255, 0.8510, 0.1490
CMYK	0.21, 0.82, 0.00, 0.15
HSL	285°, 70%, 50%
HSV	285°, 82%, 85%
XYZ	30.2308, 15.1666, 66.9798
YIQ	98.4720, 22.4050, 84.0770

Conversions Part 1

Conversions

Conversions Part 2

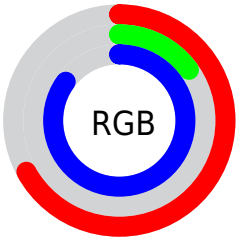
Format	Color
RYB	172, 38, 217
Decimal	11282137
CIELab	45.86, 74.66, -63.44
CIELCh	46, 97.970, 319.646
Yxy	15.1666, 0.2690, 0.1350
Android (android.graphics.Color)	4289472217 (0xFFAC26D9)
YUV	98.4720, 58.4343, 64.4841
Hunter-Lab	38.9444, 70.4089, -74.7108

Details

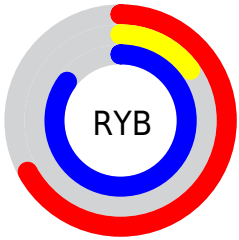
The Android color 4289472217 is a dark color, and the websafe version is hex 9900CC. The color can be described as middle washed purple. A complement of this color would be 4283685158, and the grayscale version is 4284637794.

A 20% lighter version of the original color is 4293420799, and 4285661345 is the 20% darker color. If you saturate the color by 10%, you get 4289138905, and if you desaturate by 10%, it is 4289805529.

Distribution

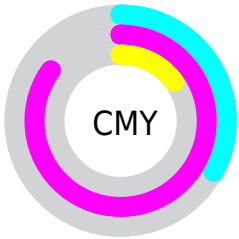


- Red (67%)
- Green (15%)
- Blue (85%)



- Red (67%)
- Yellow (15%)
- Blue (85%)

- Cyan (21%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289472217 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 4289472217 by changing the saturation by 10% instead.

4289472217	4289472217
4294967295	4287561917
4293420799	4285661345
4294935551	4283760774
4294942719	4281794668
4294950143	4279763027
4294957823	4278190138
4294965503	4278190628
	4278190091
	4278190080

4289472217

4289138905

4288807129

4289472217

4289805529

4290204121

4290537433

4290936281

4291269593

4291668185

4292001497

4292400345

4292733401

Harmonies

Analogous

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

4278216191

4289472217

4293460109

Triad

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

4289472217

4288438016

4278226082

Complementary

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

4289472217

4283685158

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.

4278225228

4289472217

4283529472

Square

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

4289472217

4292027904

4278224128

4278225899

Rectangle

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

4289472217

4294115415

4278224128

4278225798

Sweetspot

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

4289472217

4293902335

4280702681

4285946240

4278190080

4286611584

Same Dimension

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

4289472217

4290774015

4292421295

4285227886

4286709933

4280418350

Inverse Universe

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

4292421203

4294902594

4280736080

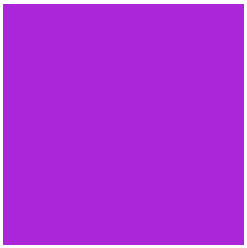
4285424485

4289527852

4281204748

Previews

White Background

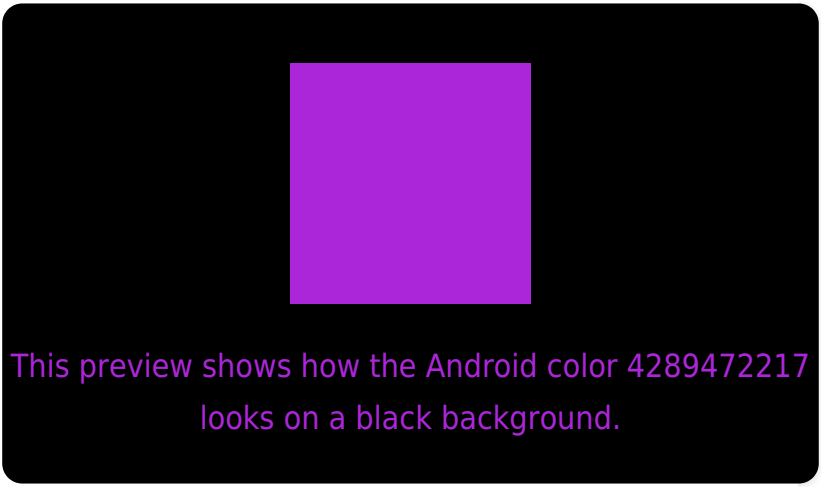


This preview shows how the Android color 4289472217 looks on a white background.

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

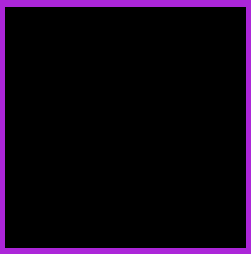


Color Contrast Check

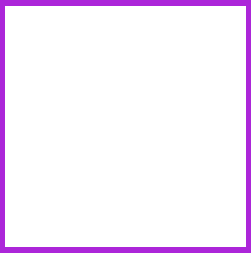
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4289472217 Background



This preview shows how black text looks on a background with the Android color 4289472217.

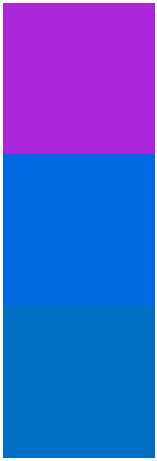


This preview shows how white text looks on a background with the Android color 4289472217.

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



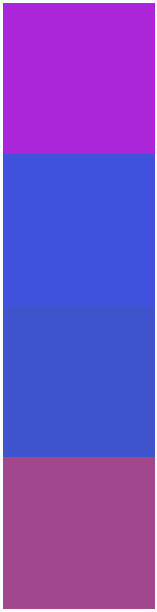
Original Color
4289472217

Protanopia
4278217183

Deuteranopia
4278218692

Tritanopia
4288305761

Trichromacy



Original Color
4289472217

Protanomaly
4282339805

Deuteranomaly
4282340556

Tritanomaly
4288759693

Monochromacy

Original Color
4289472217

Achromatopsia
4284637794

Achromatomaly
4286401677

CSS Examples

Text

The CSS property to change the color of the text to Android 4289472217 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(172, 38, 217) looks like.

```
.text, #text, p{
    color:rgb(172, 38, 217)
}
```

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(172, 38, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 38, 217) }
```

Border

The CSS property to change the border of an element to Android 4289472217 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(172, 38, 217) }
```

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

```
.border{ border-color:rgb(172, 38, 217) }
```

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

Here you see how a box with a 4 pixel rgb(172, 38, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 38, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 38, 217); box-shadow:4px 4px 4px 4px rgb(172, 38, 217) }
```

Background

The CSS property to change the background color of an element to Android 4289472217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(172, 38, 217) }
```

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

```
.background{ background-color:rgb(172, 38,
217) }
```

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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