

Converting Colors

Android(4291449557)

Have a look what the booklet for
Android(4291449557) contains.

Android(4291449557)	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(4291449557)

Conversions

Conversions Part 1

Format	Color
Hex	CA52D5
RGB	202, 82, 213
RGB Percent	79%, 32%, 84%
CMY	0.2078, 0.6784, 0.1647
CMYK	0.05, 0.62, 0.00, 0.16
HSL	295°, 61%, 58%
HSV	295°, 62%, 84%
XYZ	39.3847, 23.3952, 65.3907
YIQ	132.8140, 29.4690, 66.1810

Conversions

Conversions Part 2

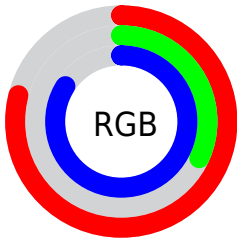
Format	Color
R _Y B	202, 82, 213
Decimal	13259477
CIE Lab	55.48, 64.67, -45.50
CIE LCh	55, 79.076, 324.870
Yxy	23.3952, 0.3073, 0.1825
Android (android.graphics.Color)	4291449557 (0xFFCA52D5)
YUV	132.8140, 39.5317, 60.6761
Hunter-Lab	48.3686, 60.7004, -46.2976

Details

The Android color `4291449557` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4284339538`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4294937343`, and `4287696542` is the 20% darker color. If you saturate the color by 10%, you get `4291313109`, and if you desaturate by 10%, it is `4291586005`.

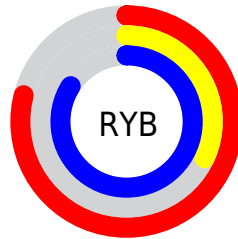
Distribution



Red (79%)

Green (32%)

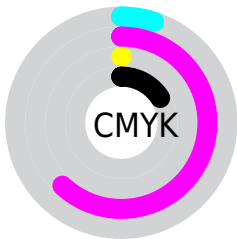
Blue (84%)



Red (79%)

Yellow (32%)

Blue (84%)

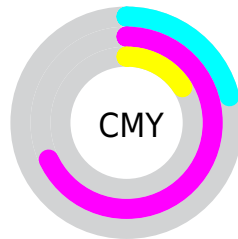


Cyan (5%)

Magenta (62%)

Yellow (0%)

Black (16%)



Cyan (21%)

Magenta (68%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291449557 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 4291449557 by changing the saturation by 10% instead.

 4291449557

 4291449557

4294967295

 4289541305

 4294937343

 4287696542

 4294944767

 4285857923

 4294951935

 4284022889

 4294959359

 4282253393

4294967039

 4280549433

 4278190114

 4278190088

 4278190080

4291449557

4291449557

4291313109

4291586005

4291176405

4291722709

4291105493

4291793621

4290969813

4291930069

4292066773

4292203221

4292339669

4292410581

4292542421

Harmonies

Analogous

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



4284512511



4291449557



4294257812

Triad

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



4291449557



4289428992



4278231741

Complementary

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



4291449557



4284339538

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.



4278231415



4291449557



4285108736

Square

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



4291449557



4292632320



4278230317



4278230773

Rectangle

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



4291449557



4294651238



4278230317



4278231974

Sweetspot

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



4291449557



4294693375



4283588565



4286407552



4278190080



4286611584

Same Dimension

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



4291449557



4293870335



4292170401



4285161579



4288479403



4280811563

Inverse Universe

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



4292170333



4294918738



4283618694



4285227105



4289396750



4281008132

Previews

White Background



This preview shows how the Android color 4291449557 looks on a white background.

Color Contrast Check

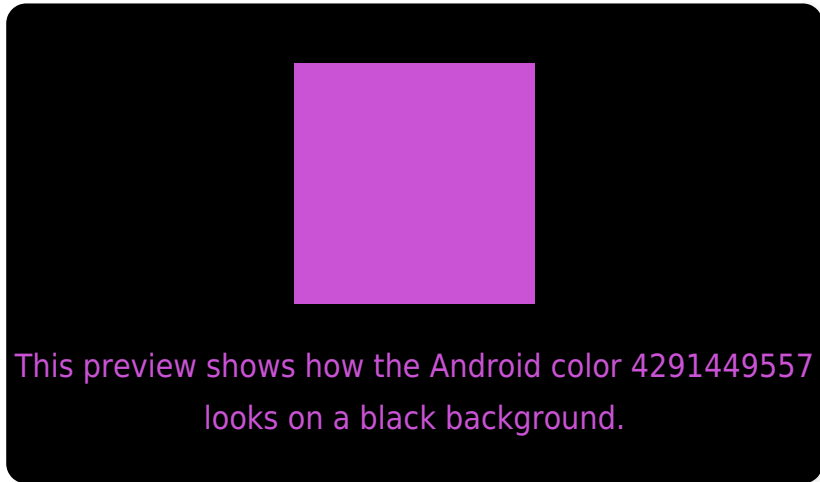
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

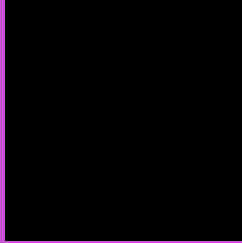
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4291449557 Background



This preview shows how black text looks on a background with the Android color 4291449557.



This preview shows how white text looks on a background with the Android color 4291449557.

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

4291449557



Protanomaly

4285624560



Deuteranomaly

4287132367



Tritanomaly

4290929561

Monochromacy



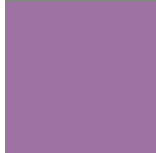
Original Color

4291449557



Achromatopsia

4286940549



Achromatomaly

4288574114

CSS Examples

Text

The CSS property to change the color of the text to Android 4291449557 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(202, 82, 213)` looks like.

```
.text, #text, p{  
    color:rgb(202, 82, 213)  
}
```

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(202, 82, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 82, 213) }
```

Border

The CSS property to change the border of an element to Android 4291449557 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(202, 82, 213) }
```

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

```
.border{ border-color:rgb(202, 82, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 82, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 82, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 82, 213);  
box-shadow:4px 4px 4px 4px rgb(202, 82,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4291449557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 82, 213) }
```

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

```
.background{ background-color: rgb(202, 82,  
213) }
```

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