

Converting Colors

Android(4292639700)

Have a look what the booklet for
Android(4292639700) contains.

Android(4292639700)	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(4292639700)

Conversions

Conversions Part 1

Format	Color
Hex	DC7BD4
RGB	220, 123, 212
RGB Percent	86%, 48%, 83%
CMY	0.1373, 0.5176, 0.1686
CMYK	0.00, 0.44, 0.04, 0.14
HSL	305°, 58%, 67%
HSV	305°, 44%, 86%
XYZ	48.4818, 34.1350, 66.3208
YIQ	162.1490, 29.2430, 48.2430

Conversions

Conversions Part 2

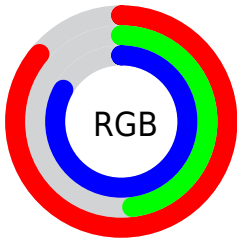
Format	Color
R _Y B	220, 123, 212
Decimal	14449620
CIE Lab	65.07, 50.06, -29.76
CIE LCh	65, 58.240, 329.270
Yxy	34.1350, 0.3255, 0.2292
Android (android.graphics.Color)	4292639700 (0xFFDC7BD4)
YUV	162.1490, 24.5765, 50.7353
Hunter-Lab	58.4252, 45.8771, -26.4048

Details

The Android color `4292639700` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4286307459`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4294947583`, and `4288890525` is the 20% darker color. If you saturate the color by 10%, you get `4292634066`, and if you desaturate by 10%, it is `4292645334`.

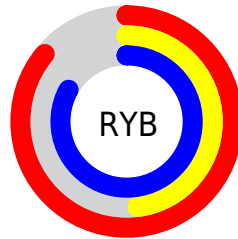
Distribution



Red (86%)

Green (48%)

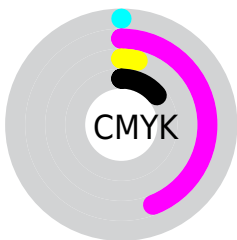
Blue (83%)



Red (86%)

Yellow (48%)

Blue (83%)

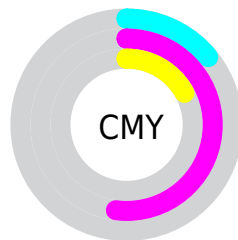


Cyan (0%)

Magenta (44%)

Yellow (4%)

Black (14%)



Cyan (14%)

Magenta (52%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292639700 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 4292639700 by changing the saturation by 10% instead.

 4292639700

 4292639700

4294967295

 4290732216

 4294947583

 4288890525

 4294954751

 4287048579

 4294962175

 4285270377

 4283564113

 4281925689

 4280352803

 4278190090

 4278190080

 4292639700

 4292639700

 4292634066

 4292645334

 4292628432

 4292650968

 4292622799

 4292656601

 4292617165

 4292662235

 4292611531

 4292667869

 4292608202

 4292673503

 4292673505

 4292673507

 4292673508

Harmonies

Analogous

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



4288516601



4292639700



4294602401

Triad

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



4292639700



4290485037



4278237135

Complementary

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



4292639700



4286307459

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.



4278237083



4292639700



4287081020

Square

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



4292639700



4293101380



4282233702



4278235639

Rectangle

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



4292639700



4294799487



4282233702



4278237119

Sweetspot

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



4292639700



4294958844



4286675932



4286606206



4278190080



4286611584

Same Dimension

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



4292639700



4294932724



4292639653



4285424493



4289527967



4281204778

Inverse Universe

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



4292639700



4294932724



4286307506



4285424493



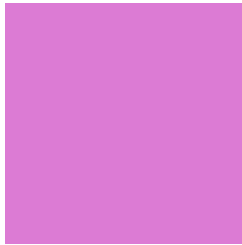
4289527967



4281204778

Previews

White Background



This preview shows how the Android color 4292639700 looks on a white background.

Color Contrast Check

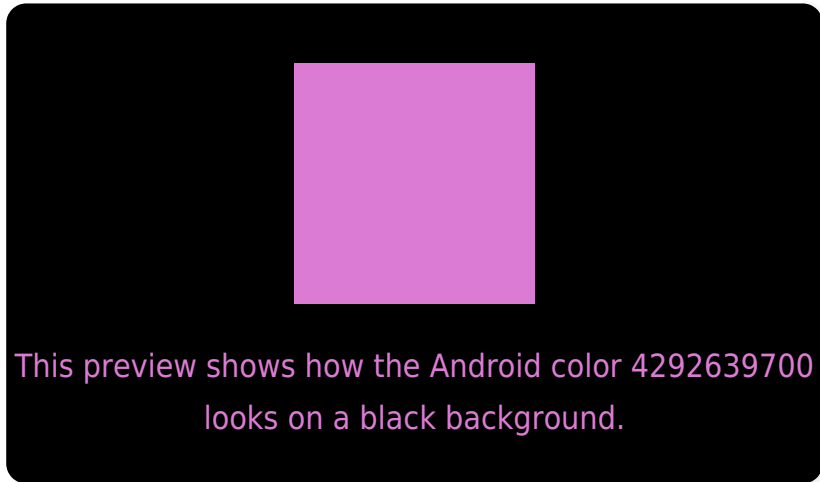
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Android 4292639700 Background



This preview shows how black text looks on a background with the Android color 4292639700.




This preview shows how white text looks on a background with the Android color 4292639700.

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





Tritanopia
4292118931

Trichromacy



Original Color
4292639700



Protanomaly
4288909541



Deuteranomaly
4289630416

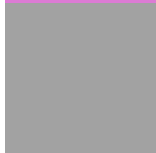


Tritanomaly
4292314283

Monochromacy



Original Color
4292639700



Achromatopsia
4288848546



Achromatomaly
4290221236

CSS Examples

Text

The CSS property to change the color of the text to Android 4292639700 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(220, 123, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 123, 212)  
}
```

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(220, 123, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 123, 212) }
```

Border

The CSS property to change the border of an element to Android 4292639700 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(220, 123, 212) }
```

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

```
.border{ border-color:rgb(220, 123, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 123, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 123, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 123, 212); box-shadow:4px 4px 4px 4px rgb(220, 123, 212) }
```

Background

The CSS property to change the background color of an element to Android 4292639700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 123, 212) }
```

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

```
.background{ background-color: rgb(220,  
123, 212) }
```

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