

Converting Colors

Android(4291306970)

Have a look what the booklet for
Android(4291306970) contains.

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Color

Android(4291306970)

Conversions

Conversions Part 1

Format	Color
Hex	C825DA
RGB	200, 37, 218
RGB Percent	78%, 15%, 85%
CMY	0.2157, 0.8549, 0.1451
CMYK	0.08, 0.83, 0.00, 0.15
HSL	294°, 71%, 50%
HSV	294°, 83%, 85%
XYZ	37.1359, 18.6645, 67.9750
YIQ	106.3710, 39.0470, 90.8470

Conversions

Conversions Part 2

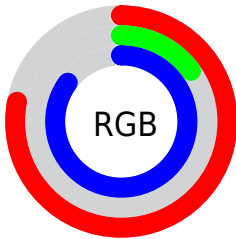
Format	Color
RYB	200, 37, 218
Decimal	13116890
CIELab	50.29, 79.79, -56.64
CIELCh	50, 97.844, 324.631
Yxy	18.6645, 0.3000, 0.1508
Android (android.graphics.Color)	4291306970 (0xFFC825DA)
YUV	106.3710, 55.0331, 82.1126
Hunter-Lab	43.2024, 77.8308, -63.0457

Details

The Android color **4291306970** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **4281850405**, and the grayscale version is **4285164138**.

A 20% lighter version of the original color is **4294928895**, and **4287430818** is the 20% darker color. If you saturate the color by 10%, you get **4291170266**, and if you desaturate by 10%, it is **4291443674**.

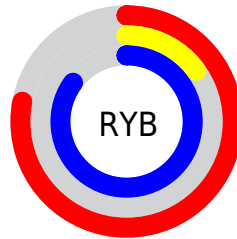
Distribution



Red (78%)

Green (15%)

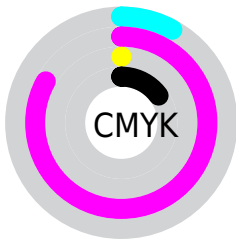
Blue (85%)



Red (78%)

Yellow (15%)

Blue (85%)

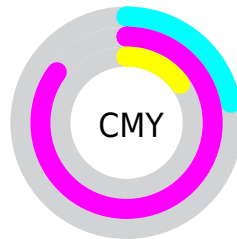


Cyan (8%)

Magenta (83%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (85%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291306970 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 4291306970 by changing the saturation by 10% instead.

 4291306970

 4291306970

4294967295

 4289331390

 4294928895

 4287430818

 4294936575

 4285530247

 4294944255

 4283695213

 4294951679

 4281925716

 4294959359

 4279763004

4294967039

 4278190629

 4278190349

 4278190080

■ 4291306970

■ 4291306970

■ 4291170266

■ 4291443674

■ 4291035354

■ 4291580378

■ 4291782362

■ 4291919066

■ 4292055770

■ 4292192474

■ 4292329178

■ 4292465626

■ 4292667866

Harmonies

Analogous

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



4278479359



4291306970



4294705291

Triad

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



4291306970



4288638976



4278229180

Complementary

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



4291306970



4281850405

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.



4278228838



4291306970



4283336448

Square

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



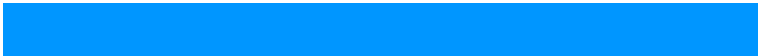
4291306970



4292493824



4278227456



4278228735

Rectangle

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



4291306970



4294901844



4278227456



4278229152

Sweetspot

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



4291306970



4294557695



4280629210



4286339456



4278190080



4286611584

Same Dimension

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



4291306970



4293263615



4292486546



4285358958



4288413869



4280877102

Inverse Universe

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



4292486455



4294901785



4280670829



4285424484



4289527825



4281204741

Previews

White Background



This preview shows how the Android color 4291306970 looks on a white background.

Color Contrast Check

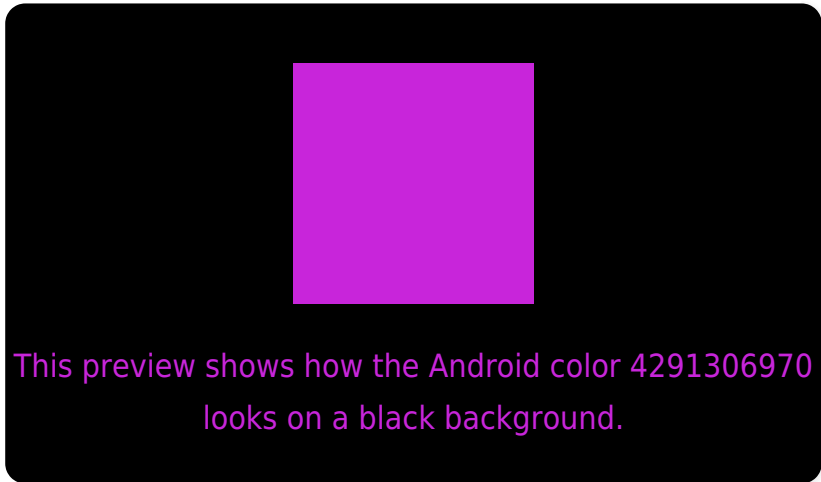
Large Text (above 18pt) WCAG AA ✓ Pass

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

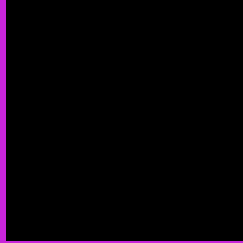
Any Text WCAG AA ✓ Pass

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 4291306970 Background



This preview shows how black text looks on a background with the Android color 4291306970.



This preview shows how white text looks on a background with the Android color 4291306970.

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

4291306970



Protanomaly

4282996716



Deuteranomaly

4285291218



Tritanomaly

4290660237

Monochromacy



Original Color

4291306970



Achromatopsia

4285164138



Achromatomaly

4287386003

CSS Examples

Text

The CSS property to change the color of the text to Android 4291306970 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(200, 37, 218)` looks like.

```
.text, #text, p{  
    color:rgb(200, 37, 218)  
}
```

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(200, 37, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 37, 218) }
```

Border

The CSS property to change the border of an element to Android 4291306970 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(200, 37, 218) }
```

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

```
.border{ border-color:rgb(200, 37, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 37, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 37, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 37, 218);  
box-shadow:4px 4px 4px 4px rgb(200, 37,  
218) }
```

Background

The CSS property to change the background color of an element to Android 4291306970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 37, 218) }
```

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

```
.background{ background-color: rgb(200, 37,  
218) }
```

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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