

Converting Colors

Android(4291430876)

Have a look what the booklet for
Android(4291430876) contains.

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Color

Android(4291430876)

Conversions

Conversions Part 1

Format	Color
Hex	CA09DC
RGB	202, 9, 220
RGB Percent	79%, 4%, 86%
CMY	0.2078, 0.9647, 0.1373
CMYK	0.08, 0.96, 0.00, 0.14
HSL	295°, 92%, 45%
HSV	295°, 96%, 86%
XYZ	37.3731, 17.9192, 69.1991
YIQ	90.7610, 47.2970, 106.5370

Conversions

Conversions Part 2

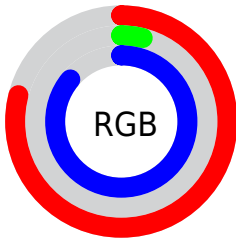
Format	Color
R _Y B	202, 9, 220
Decimal	13240796
CIE Lab	49.40, 84.42, -59.20
CIE LCh	49, 103.105, 324.960
Yxy	17.9192, 0.3002, 0.1439
Android (android.graphics.Color)	4291430876 (0xFFCA09DC)
YUV	90.7610, 63.7148, 97.5566
Hunter-Lab	42.3311, 83.5137, -67.2902

Details

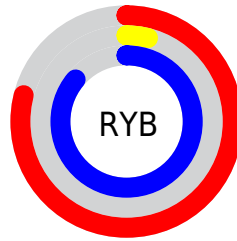
The Android color `4291430876` is a dark color, and the websafe version is hex `CC00CC`. The color can be described as middle washed magenta. A complement of this color would be `4280015881`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4294926335`, and `4287561892` is the 20% darker color. If you saturate the color by 10%, you get `4291363036`, and if you desaturate by 10%, it is `4291567580`.

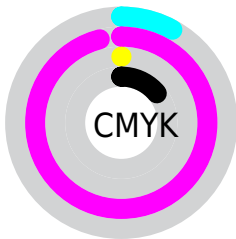
Distribution



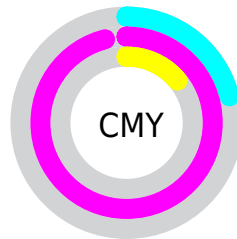
- Red (79%)
- Green (4%)
- Blue (86%)



- Red (79%)
- Yellow (4%)
- Blue (86%)



- Cyan (8%)
- Magenta (96%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (96%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291430876 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 4291430876 by changing the saturation by 10% instead.

 4291430876

 4291430876

4294967295

 4289462464

 4294926335

 4287561892


 4294934271

 4285595785

 4294941951

 4283695215

 4294949631

 4281991254

 4294957311

 4279763005

 4294965247

 4278190886

 4278190351

 4278190080

■ 4291430876

■ 4291430876

■ 4291363036

■ 4291567580

■ 4291704284

■ 4291840988

■ 4291977692

■ 4292048860

■ 4292185564

■ 4292322268

■ 4292458972

■ 4292595676

Harmonies

Analogous

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



4278216447



4291430876



4294901896

Triad

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



4291430876



4288441856



4278228926

Complementary

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



4291430876



4280015881

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.



4278228324



4291430876



4282680576

Square

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



4291430876



4292492032



4278226944



4278228223

Rectangle

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



4291430876



4294901839



4278226944



4278228641

Sweetspot

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



4291430876



4294555135



4278787804



4286337920



4278190080



4286611584

Same Dimension

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



4291430876



4293460223



4292610440



4285358958



4288610477



4280942638

Inverse Universe

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



4292610331



4294901782



4278836317



4285424484



4289527823



4281204740

Previews

White Background



This preview shows how the Android color 4291430876 looks on a white background.

Color Contrast Check

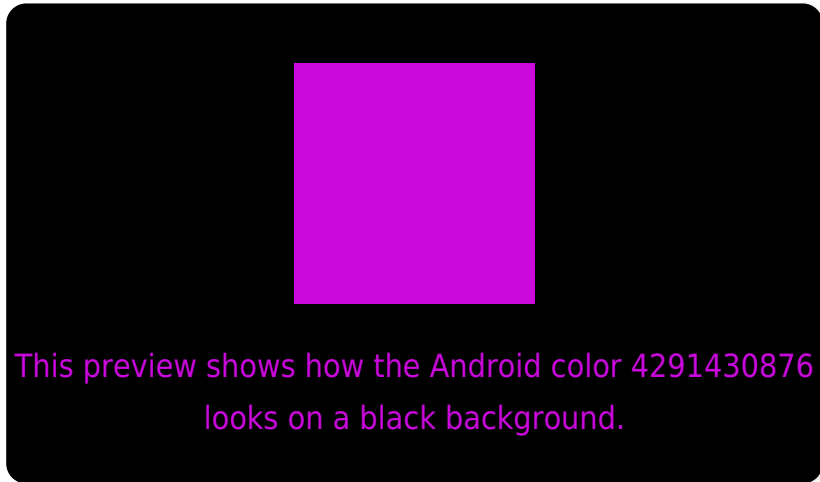
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4291430876 Background



This preview shows how black text looks on a background with the Android color 4291430876.



This preview shows how white text looks on a background with the Android color 4291430876.

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

4291430876

Protanopia

4278219762

Deuteranopia

4281235663

Trichromacy



Original Color

4291430876



Protanomaly

4282993898



Deuteranomaly

4284960980



Tritanomaly

4290788235

Monochromacy



Original Color

4291430876



Achromatopsia

4284177243



Achromatomaly

4286791050

CSS Examples

Text

The CSS property to change the color of the text to Android 4291430876 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, 9, 220)` looks like.

```
.text, #text, p{  
    color:rgb(202, 9, 220)  
}
```

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, 9, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 9, 220) }
```

Border

The CSS property to change the border of an element to Android 4291430876 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, 9, 220) }
```

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

```
.border{ border-color:rgb(202, 9, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 9, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 9, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 9, 220);  
box-shadow:4px 4px 4px 4px rgb(202, 9,  
220) }
```

Background

The CSS property to change the background color of an element to Android 4291430876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 9, 220) }
```

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

```
.background{ background-color: rgb(202, 9,  
220) }
```

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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