

Converting Colors

Android(4292230870)

Have a look what the booklet for
Android(4292230870) contains.

| | |
|--|----|
| Android(4292230870) | 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(4292230870)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D63ED6 |
| RGB | 214, 62, 214 |
| RGB Percent | 84%, 24%, 84% |
| CMY | 0.1608, 0.7569, 0.1608 |
| CMYK | 0.00, 0.71, 0.00, 0.16 |
| HSL | 300°, 65%, 54% |
| HSV | 300°, 71%, 84% |
| XYZ | 41.5918, 22.5964, 65.7877 |
| YIQ | 124.7760, 41.8000, 79.4960 |

Conversions

Conversions Part 2

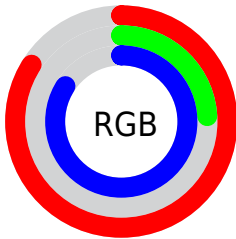
| Format | Color |
|-------------------------------------|--|
| RYB | 214, 62, 214 |
| Decimal | 14040790 |
| CIELab | 54.65, 75.06, -47.26 |
| CIElCh | 55, 88.697, 327.802 |
| Yxy | 22.5964, 0.3200, 0.1739 |
| Android (android.graphics.Color) | 4292230870 (0xFFD63ED6) |
| YUV | 124.7760, 43.9874, 78.2494 |
| Hunter-Lab | 47.5357, 72.9927, -48.7803 |

Details

The Android color **4292230870** 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 **4282308158**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4294933503**, and **4288348319** is the 20% darker color. If you saturate the color by 10%, you get **4292225494**, and if you desaturate by 10%, it is **4292236246**.

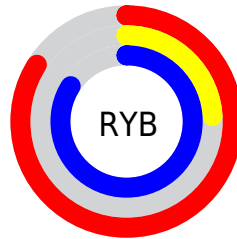
Distribution



Red (84%)

Green (24%)

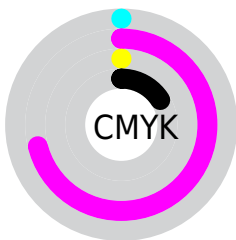
Blue (84%)



Red (84%)

Yellow (24%)

Blue (84%)

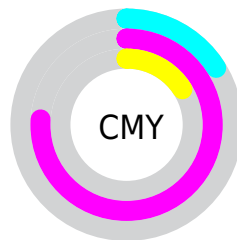


Cyan (0%)

Magenta (71%)

Yellow (0%)

Black (16%)



Cyan (16%)

Magenta (76%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292230870 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 4292230870 by changing the saturation by 10% instead.

 4292230870

 4292230870

4294967295

 4290254010

 4294933503

 4288348319

 4294940927

 4286513284

 4294948607

 4284612714

 4294956031

 4282843217

 4294963711

 4281008185

 4278190115

 4278190089

 4278190080

■ 4292230870

■ 4292230870

■ 4292225494

■ 4292236246

■ 4292219862

■ 4292241878

■ 4292214998

■ 4292247254

■ 4292252886

■ 4292258262

■ 4292263638

■ 4292269270

■ 4292274646

■ 4292280278

Harmonies

Analogous

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



4284772863



4292230870



4294901900

Triad

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



4292230870



4288970240



4278231753

Complementary

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



4292230870



4282308158

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.



4278231675



4292230870



4283929344

Square

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



4292230870



4292631296



4278230309



4278230783

Rectangle

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



4292230870



4294901849



4278230309



4278231984

Sweetspot

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



4292230870



4294953471



4282269398



4286603392



4278190080



4286611584

Same Dimension

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



4292230870



4294911743



4292230794



4285227115



4289396907



4281008171

Inverse Universe

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



4292230870



4294911743



4282308234



4285227115



4289396907



4281008171

Previews

White Background



This preview shows how the Android color 4292230870 looks on a white background.

Color Contrast Check

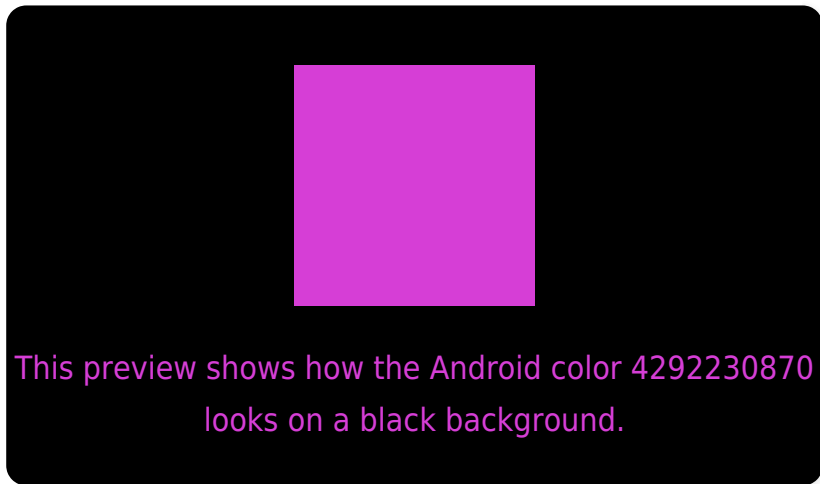
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292230870 Background



This preview shows how black text looks on a background with the Android color 4292230870.



This preview shows how white text looks on a background with the Android color 4292230870.

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

4292230870



Protanomaly

4285556720



Deuteranomaly

4287261391



Tritanomaly

4291712657

Monochromacy



Original Color

4292230870



Achromatopsia

4286414205



Achromatomaly

4288505501

CSS Examples

Text

The CSS property to change the color of the text to Android 4292230870 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(214, 62, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 62, 214)  
}
```

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(214, 62, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 62, 214) }
```

Border

The CSS property to change the border of an element to Android 4292230870 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(214, 62, 214) }
```

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

```
.border{ border-color:rgb(214, 62, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 62, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 62, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 62, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 62,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4292230870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 62, 214) }
```

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

```
.background{ background-color: rgb(214, 62,  
214) }
```

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