

Converting Colors

Android(4292087745)

Have a look what the booklet for
Android(4292087745) contains.

Android(4292087745)	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(4292087745)

Conversions

Conversions Part 1

Format	Color
Hex	D40FC1
RGB	212, 15, 193
RGB Percent	83%, 6%, 76%
CMY	0.1686, 0.9412, 0.2431
CMYK	0.00, 0.93, 0.09, 0.17
HSL	306°, 87%, 45%
HSV	306°, 93%, 83%
XYZ	36.9478, 18.1890, 52.0155
YIQ	94.1950, 60.2740, 97.1220

Conversions

Conversions Part 2

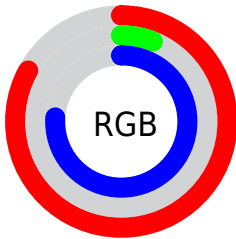
Format	Color
R_{YB}	212, 15, 193
Decimal	13897665
CIE _{Lab}	49.72, 81.62, -43.03
CIE _{LCh}	50, 92.264, 332.202
Yxy	18.1890, 0.3448, 0.1697
Android (android.graphics.Color)	4292087745 (0xFFD40FC1)
YUV	94.1950, 48.7109, 103.3150
Hunter-Lab	42.6485, 80.0057, -42.4581

Details

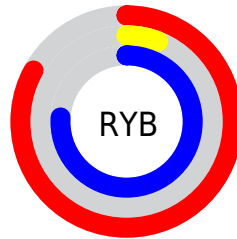
The Android color **4292087745** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **4279227426**, and the grayscale version is **4284374622**.

A 20% lighter version of the original color is **4294926842**, and **4288217227** is the 20% darker color. If you saturate the color by 10%, you get **4292083904**, and if you desaturate by 10%, it is **4292093123**.

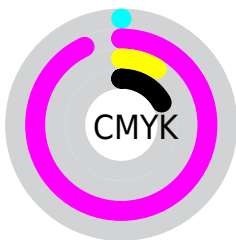
Distribution



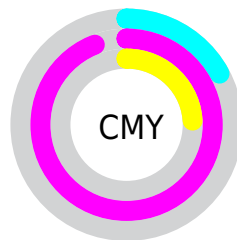
- Red (83%)
- Green (6%)
- Blue (76%)



- Red (83%)
- Yellow (6%)
- Blue (76%)



- Cyan (0%)
- Magenta (93%)
- Yellow (9%)
- Black (17%)



- Cyan (17%)
- Magenta (94%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292087745 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 4292087745 by changing the saturation by 10% instead.



4292087745



4292087745

4294967295



4290117797



4294926842



4288217227



4294934783



4286251121



4294942463



4284416088



4294950143



4282712128



4294957823



4280680489



4294965503



4278190354



4278190080



4292087745



4292087745

■ 4292083904

■ 4292093123

■ 4292098501

■ 4292104135

■ 4292109513

■ 4292114891

■ 4292120269

■ 4292125647

■ 4292131281

■ 4292136659

Harmonies

Analogous

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



4285292030



4292087745



4294443124

Triad

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



4292087745



4287329792



4278228425

Complementary

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



4292087745



4279227426

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.



4278228346



4292087745



4281632768

Square

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



4292087745



4291318272



4278227234



4278227199

Rectangle

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



4292087745



4294312001



4278227234



4278228400

Sweetspot

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



4292087745



4294949112



4280225748



4286600315



4278190080



4286611584

Same Dimension

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



4292087745



4294901990



4292087649



4285227114



4289396890



4281008167

Inverse Universe

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



4292087745



4294901990



4279227522



4285227114



4289396890



4281008167

Previews

White Background



This preview shows how the Android color 4292087745 looks on a white background.

Color Contrast Check

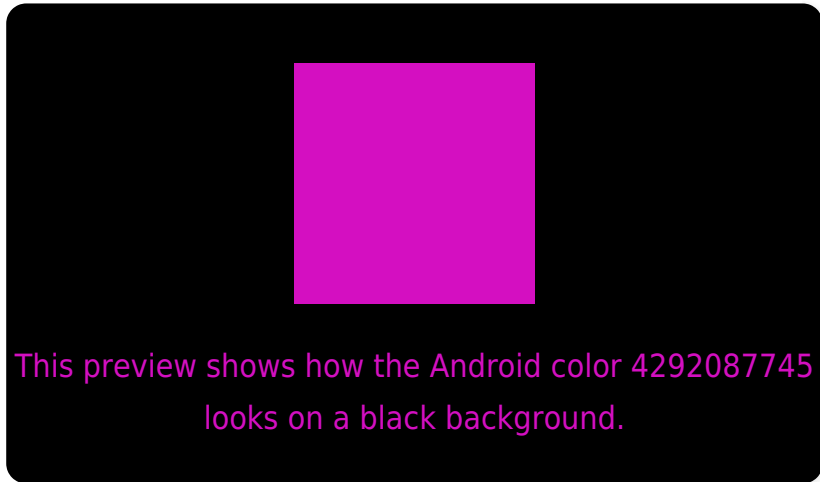
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292087745 Background



This preview shows how black text looks on a background with the Android color 4292087745.



This preview shows how white text looks on a background with the Android color 4292087745.

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

4292087745



Protanomaly

4283256801



Deuteranomaly

4286992825



Tritanomaly

4291638906

Monochromacy



Original Color

4292087745



Achromatopsia

4284374622



Achromatomaly

4287185282

CSS Examples

Text

The CSS property to change the color of the text to Android 4292087745 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(212, 15, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 15, 193)  
}
```

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(212, 15, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 15, 193) }
```

Border

The CSS property to change the border of an element to Android 4292087745 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(212, 15, 193) }
```

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

```
.border{ border-color:rgb(212, 15, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 15, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 15, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 15, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 15,  
193) }
```

Background

The CSS property to change the background color of an element to Android 4292087745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 15, 193) }
```

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

```
.background{ background-color: rgb(212, 15,  
193) }
```

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