

# Converting Colors

Android(4292170741)

Have a look what the booklet for  
Android(4292170741) contains.

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# **Color**

**Android(4292170741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D553F5
RGB	213, 83, 245
RGB Percent	84%, 33%, 96%
CMY	0.1647, 0.6745, 0.0392
CMYK	0.13, 0.66, 0.00, 0.04
HSL	288°, 89%, 64%
HSV	288°, 66%, 96%
XYZ	47.0153, 26.9252, 89.1053
YIQ	140.3380, 25.4780, 77.9420

# Conversions

## Conversions Part 2

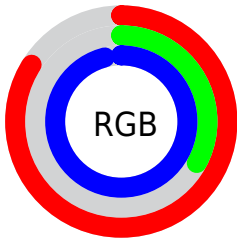
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	213, 83, 245
Decimal	13980661
CIE Lab	58.91, 72.56, -57.93
CIE LCh	59, 92.849, 321.400
Yxy	26.9252, 0.2884, 0.1651
Android (android.graphics.Color)	4292170741 (0xFFD553F5)
YUV	140.3380, 51.5984, 63.7246
Hunter-Lab	51.8895, 70.9259, -65.4908

# Details

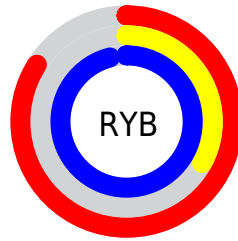
The Android color `4292170741` is a light color, and the websafe version is hex `CC66FF`. The color can be described as light muted magenta. A complement of this color would be `4285789523`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4294938111`, and `4288283836` is the 20% darker color. If you saturate the color by 10%, you get `4291836917`, and if you desaturate by 10%, it is `4292504821`.

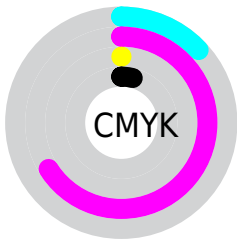
# Distribution



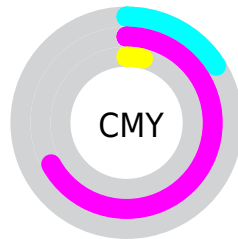
- Red (84%)
- Green (33%)
- Blue (96%)



- Red (84%)
- Yellow (33%)
- Blue (96%)



- Cyan (13%)
- Magenta (66%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (67%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292170741 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 4292170741 by changing the saturation by 10% instead.



 4292170741

 4292170741

4294967295

 4290196696

 4294938111

 4288283836

 4294945535

 4286447776

 4294952959

 4284547205

 4294960383

 4282646635

 4280942674

 4278190138

 4278190627

 4278190090

 4292170741


 4292170741

 4291836917

 4292504821

 4291502837

 4292838645

 4291169013

 4293172725

 4291100917

 4293441013

 4293775093

 4294108917

 4294442997

 4294770677

 4294967285

# Harmonies

## Analogous

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



4281107455



4292170741



4294901929

# Triad

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



4292170741



4290740736



4278235335

# Complementary

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



4292170741



4285789523

# 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.



4278234739



4292170741



4285831936

# Square

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



4292170741



4294400256



4278233100



4278234367

# Rectangle

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



4292170741



4294901875



4278233100



4278235052



# Sweetspot

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



4292170741



4294298879



4283659253



4286144896



4278190080



4286611584



# Same Dimension

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



4292170741



4292294399



4294267844



4286082682



4287955130



4281270331



# Inverse Universe

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



4294267763



4294915677



4283692420



4286213745



4290379813

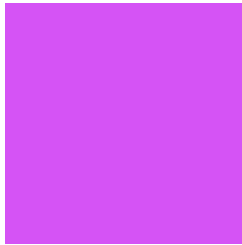


4282056716



# Previews

## White Background



This preview shows how the Android color 4292170741 looks on a white background.

## Color Contrast Check

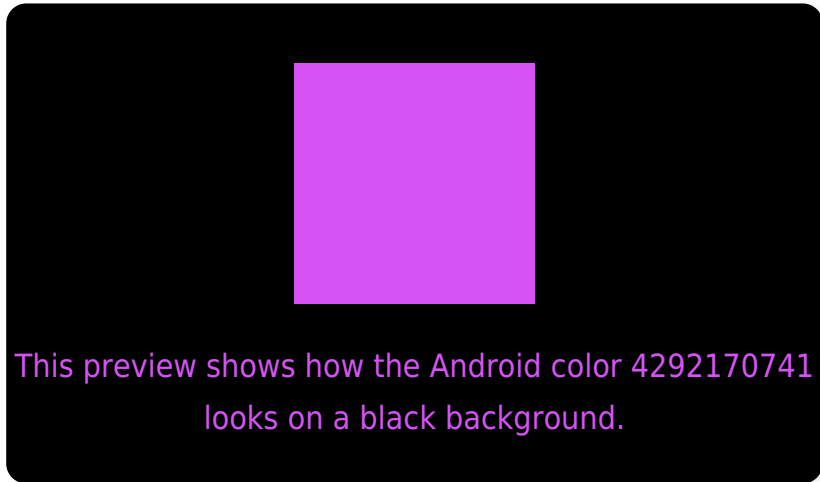
Large Text (above 18pt) WCAG AA ✓ Pass

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

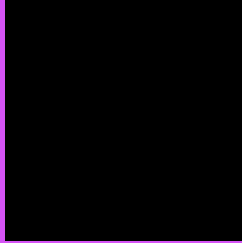
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4292170741 Background



This preview shows how black text looks on a background with the Android color 4292170741.



This preview shows how white text looks on a background with the Android color 4292170741.

# 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**  
4291131264

# Trichromacy



**Original Color**  
4292170741



**Protanomaly**  
4286805755



**Deuteranomaly**  
4286740974



**Tritanomaly**  
4291521195

# Monochromacy



**Original Color**  
4292170741



**Achromatopsia**  
4287401100



**Achromatomaly**  
4289165234

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292170741 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(213, 83, 245)` looks like.

```
.text, #text, p{  
    color:rgb(213, 83, 245)  
}
```

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(213, 83, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 83, 245) }
```

## Border

The CSS property to change the border of an element to Android 4292170741 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(213, 83, 245) }
```

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

```
.border{ border-color:rgb(213, 83, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 83, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 83, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 83, 245);  
box-shadow:4px 4px 4px 4px rgb(213, 83,  
245) }
```

# Background

The CSS property to change the background color of an element to Android 4292170741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 83, 245) }
```

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

```
.background{ background-color: rgb(213, 83,  
245) }
```

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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