

# Converting Colors

Android(4292111075)

Have a look what the booklet for  
Android(4292111075) contains.

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# **Color**

**Android(4292111075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D46AE3
RGB	212, 106, 227
RGB Percent	83%, 42%, 89%
CMY	0.1686, 0.5843, 0.1098
CMYK	0.07, 0.53, 0.00, 0.11
HSL	293°, 68%, 65%
HSV	293°, 53%, 89%
XYZ	46.1705, 29.8512, 76.0014
YIQ	151.4880, 24.3350, 60.1030

# Conversions

## Conversions Part 2

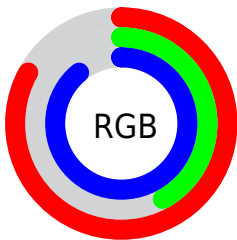
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">212, 106, 227</a>
Decimal	<a href="#">13920995</a>
CIELab	<a href="#">61.53, 58.89, -43.75</a>
CIElCh	<a href="#">62, 73.358, 323.391</a>
Yxy	<a href="#">29.8512, 0.3037, 0.1964</a>
Android (android.graphics.Color)	<a href="#">4292111075 (0xFFD46AE3)</a>
YUV	<a href="#">151.4880, 37.2274, 53.0690</a>
Hunter-Lab	<a href="#">54.6362, 55.2287, -44.2297</a>

# Details

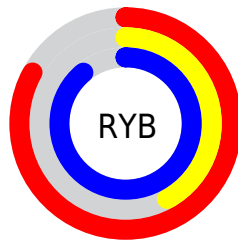
The Android color `4292111075` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4286178154`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4294943231`, and `4288361131` is the 20% darker color. If you saturate the color by 10%, you get `4291908579`, and if you desaturate by 10%, it is `4292313571`.

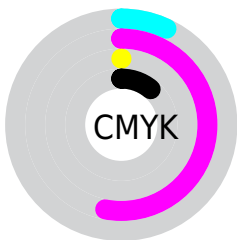
# Distribution



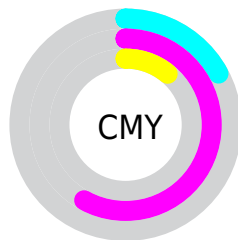
- Red (83%)
- Green (42%)
- Blue (89%)



- Red (83%)
- Yellow (42%)
- Blue (89%)



- Cyan (7%)
- Magenta (53%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (58%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292111075 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 4292111075 by changing the saturation by 10% instead.



 4292111075

 4292111075

4294967295

 4290203591

 4294943231

 4288361131

 4294950399

 4286517392

 4294957823

 4284678262

 4294965503

 4282974301

 4281335877

 4279238701

 4278190359


 4278190080

 4292111075

 4292111075

 4291908579

 4292313571

 4291706339

 4292515811

 4291569379

 4292652771

 4291366883

 4292855267

 4291231971

 4293057763

 4293260003

 4293459939

 4293656547

 4293787619

# Harmonies

## Analogous

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



4285762303



4292111075



4294922406

# Triad

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



4292111075



4290678016



4278235846

# Complementary

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



4292111075



4286178154

# 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.



4278235524



4292111075



4286685184

# Square

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



4292111075



4293685545



4279348289



4278234620

# Rectangle

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



4292111075



4294922106



4279348289



4278235825



# Sweetspot

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



4292111075



4294629119



4285168355



4286343040



4278190080



4286611584



# Same Dimension

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



4292111075



4293614847



4293094071



4285622131



4288413875



4281139251



# Inverse Universe

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



4293094009



4294925424



4285195158



4285753193



4289921046



4281532422



# Previews

## White Background



This preview shows how the Android color 4292111075 looks on a white background.

## Color Contrast Check

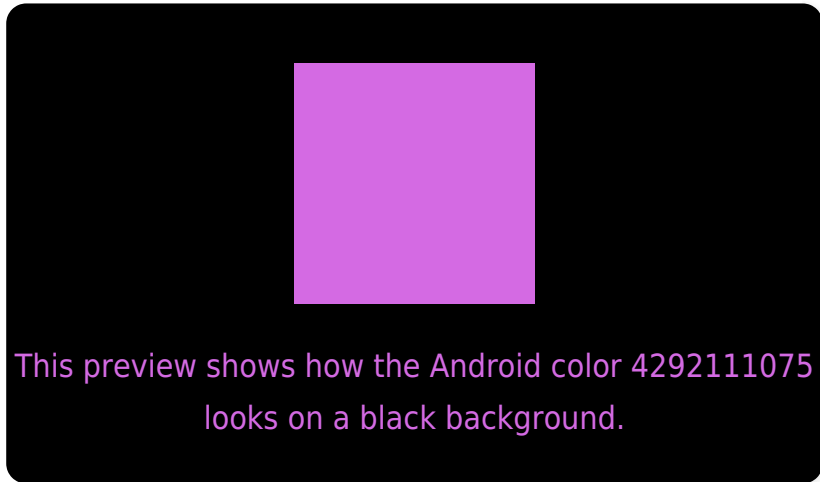
Large Text (above 18pt) WCAG AA ✓ Pass

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

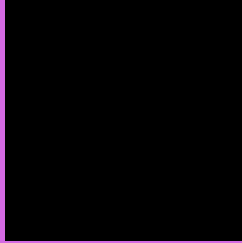
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4292111075 Background



This preview shows how black text looks on a background with the Android color 4292111075.




This preview shows how white text looks on a background with the Android color 4292111075.

# 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**  
4291330442

# Trichromacy



**Original Color**

4292111075



**Protanomaly**

4287464437



**Deuteranomaly**

4288251358



**Tritanomaly**

4291590570

# Monochromacy



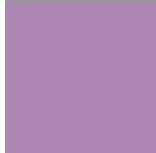
**Original Color**

4292111075



**Achromatopsia**

4288124823



**Achromatomaly**

4289562547

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292111075 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, 106, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 106, 227)  
}
```

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, 106, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 106, 227) }
```

## Border

The CSS property to change the border of an element to Android 4292111075 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, 106, 227) }
```

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

```
.border{ border-color:rgb(212, 106, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 106, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 106, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 106, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 106,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4292111075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 106, 227) }
```

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

```
.background{ background-color: rgb(212,  
106, 227) }
```

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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