

# Converting Colors

Android(4292233965)

Have a look what the booklet for  
Android(4292233965) contains.

<b>Android(4292233965)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4292233965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D64AED
RGB	214, 74, 237
RGB Percent	84%, 29%, 93%
CMY	0.1608, 0.7098, 0.0706
CMYK	0.10, 0.69, 0.00, 0.07
HSL	292°, 82%, 61%
HSV	292°, 69%, 93%
XYZ	45.4664, 25.3081, 82.6094
YIQ	134.4420, 31.1170, 80.3730

# Conversions

## Conversions Part 2

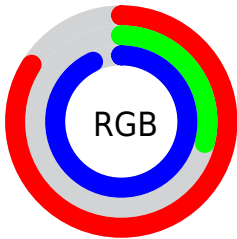
Format	Color
<a href="#">RYB</a>	<a href="#">214, 74, 237</a>
Decimal	<a href="#">14043885</a>
CIELab	<a href="#">57.37, 74.77, -55.90</a>
CIElCh	<a href="#">57, 93.359, 323.215</a>
Yxy	<a href="#">25.3081, 0.2964, 0.1650</a>
Android (android.graphics.Color)	<a href="#">4292233965 (0xFFD64AED)</a>
YUV	<a href="#">134.4420, 50.5611, 69.7724</a>
Hunter-Lab	<a href="#">50.3072, 73.2864, -62.1450</a>

# Details

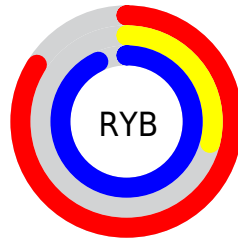
The Android color `4292233965` is a light color, and the websafe version is hex `CC33CC`. The color can be described as light muted magenta. A complement of this color would be `4284607818`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4294936063`, and `4288348340` is the 20% darker color. If you saturate the color by 10%, you get `4292031213`, and if you desaturate by 10%, it is `4292436717`.

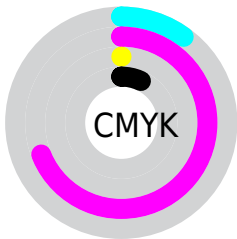
# Distribution



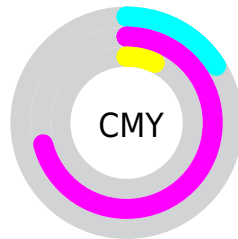
- Red (84%)
- Green (29%)
- Blue (93%)



- Red (84%)
- Yellow (29%)
- Blue (93%)



- Cyan (10%)
- Magenta (69%)
- Yellow (0%)
- Black (7%)



















- Cyan (16%)
- Magenta (71%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292233965 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 4292233965 by changing the saturation by 10% instead.




 4292233965	 4292233965
4294967295	 4290259152
 4294936063	 4288348340
 4294943487	 4286447769
 4294950911	 4284612734
 4294958591	 4282712164
 4294966271	 4281008204
	 4278190132
	 4278190622
	 4278190080

 4292233965


 4292233965

 4292031213

 4292436717

 4291763181

 4292704749

 4291560429

 4292907501

 4291559661

 4293110253

 4293378285

 4293581037

 4293783789

 4294049773

 4294246381

# Harmonies

## Analogous

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



4282220031



4292233965



4294901920

# Triad

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



4292233965



4290215936



4278234056

# Complementary

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



4292233965



4284607818

# 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.



4278233716



4292233965



4285175808

# Square

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



4292233965



4293940992



4278232079



4278233343

# Rectangle

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



4292233965



4294901866



4278232079



4278234029



# Sweetspot

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



4292233965



4294429183



4283065069



4286275712



4278190080



4286611584



# Same Dimension

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



4292233965



4292946943



4293741236



4285819509



4288413877



4281204790



# Inverse Universe

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



4293741153



4294912841



4283100547



4285885035



4290052122



4281729032



# Previews

## White Background



This preview shows how the Android color 4292233965 looks on a white background.

## Color Contrast Check

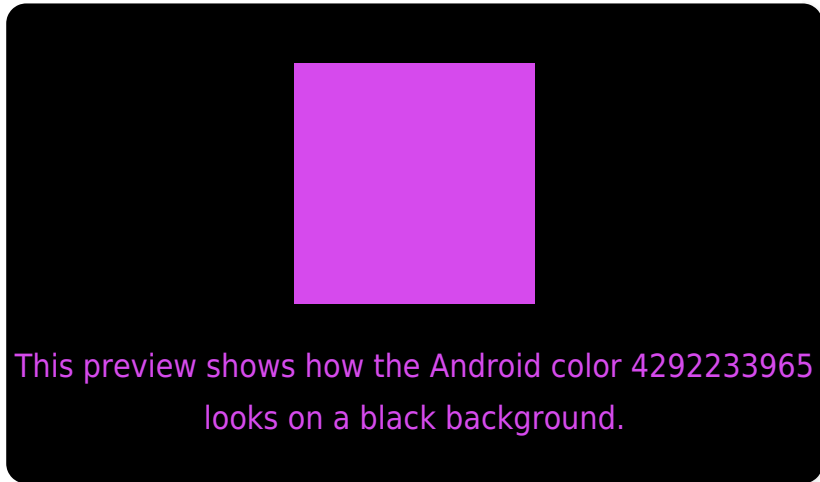
Large Text (above 18pt) WCAG AA ✓ Pass

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

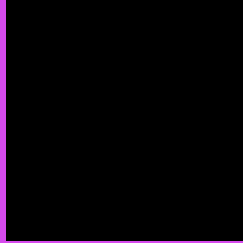
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4292233965 Background



This preview shows how black text looks on a background with the Android color 4292233965.



This preview shows how white text looks on a background with the Android color 4292233965.

# 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**

4292233965



**Protanomaly**

4286411000



**Deuteranomaly**

4286804966



**Tritanomaly**

4291584675

# Monochromacy



**Original Color**

4292233965



**Achromatopsia**

4287006342



**Achromatomaly**

4288901291

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292233965 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, 74, 237)` looks like.

```
.text, #text, p{  
    color:rgb(214, 74, 237)  
}
```

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, 74, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 74, 237) }
```

## Border

The CSS property to change the border of an element to Android 4292233965 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, 74, 237) }
```

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

```
.border{ border-color:rgb(214, 74, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 74, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 74, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 74, 237);  
box-shadow:4px 4px 4px 4px rgb(214, 74,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4292233965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 74, 237) }
```

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

```
.background{ background-color: rgb(214, 74,  
237) }
```

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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