

# Converting Colors

Android(4286317237)

Have a look what the booklet for  
Android(4286317237) contains.

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**Color**

**Android(4286317237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C02B5
RGB	124, 2, 181
RGB Percent	49%, 1%, 71%
CMY	0.5137, 0.9922, 0.2902
CMYK	0.31, 0.99, 0.00, 0.29
HSL	281°, 98%, 36%
HSV	281°, 99%, 71%
XYZ	16.6744, 7.6647, 44.3167
YIQ	58.8840, 15.2530, 81.5330

# Conversions

## Conversions Part 2

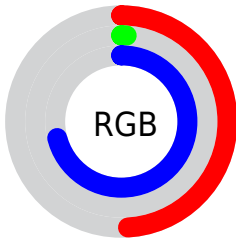
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	124, 2, 181
Decimal	8127157
CIE Lab	33.27, 67.51, -63.26
CIE LCh	33, 92.520, 316.862
Yxy	7.6647, 0.2429, 0.1116
Android (android.graphics.Color)	4286317237 (0xFF7C02B5)
YUV	58.8840, 60.2032, 57.1067
Hunter-Lab	27.6852, 59.0588, -75.5280

# Details

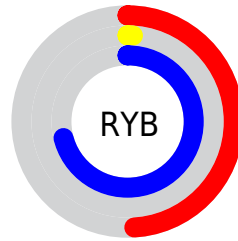
The Android color `4286317237` is a dark color, and the websafe version is hex `9900CC`. A complement of this color would be `4282103042`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4290137326`, and `4282515583` is the 20% darker color. If you saturate the color by 10%, you get `4286251189`, and if you desaturate by 10%, it is `4286715061`.

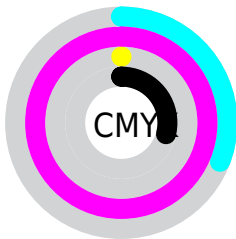
# Distribution



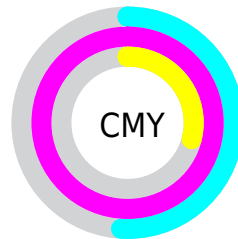
- Red (49%)
- Green (1%)
- Blue (71%)



- Red (49%)
- Yellow (1%)
- Blue (71%)



- Cyan (31%)
- Magenta (99%)
- Yellow (0%)
- Black (29%)



- Cyan (51%)
- Magenta (99%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286317237 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 4286317237 by changing the saturation by 10% instead.



 4286317237

 4286317237

4294967295

 4284416154

 4290137326

 4282515583

 4292110591

 4280549477

 4294083839

 4278190156

 4294942975

 4278191156

 4294950399

 4278190622

 4294957823

 4278190080

 4294965247

 4286317237

 4286317237

■ 4286251189

■ 4286715061

■ 4287112885

■ 4287445173

■ 4287842997

■ 4288241077

■ 4288638901

■ 4288971189

■ 4289369013

■ 4289766837

# Harmonies

## Analogous

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



4278209759



4286317237



4290314354

# Triad

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



4286317237



4286201600



4278216824

# Complementary

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



4286317237



4282103042

# 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.



4278216234



4286317237



4281882624

# Square

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



4286317237



4289265664



4278215168



4278216891

# Rectangle

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



4286317237



4290969666



4278215168



4278216542



# Sweetspot

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



4286317237



4292125931



4278337205



4285025141



4294309365



4285887861



# Same Dimension

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



4286317237



4288676075



4290052759



4283846745



4285005977



4279304218



# Inverse Universe

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



4290052667



4293591115



4278367520



4284043347



4288217137



4279894024



# Previews

## White Background



This preview shows how the Android color 4286317237 looks on a white background.

## Color Contrast Check

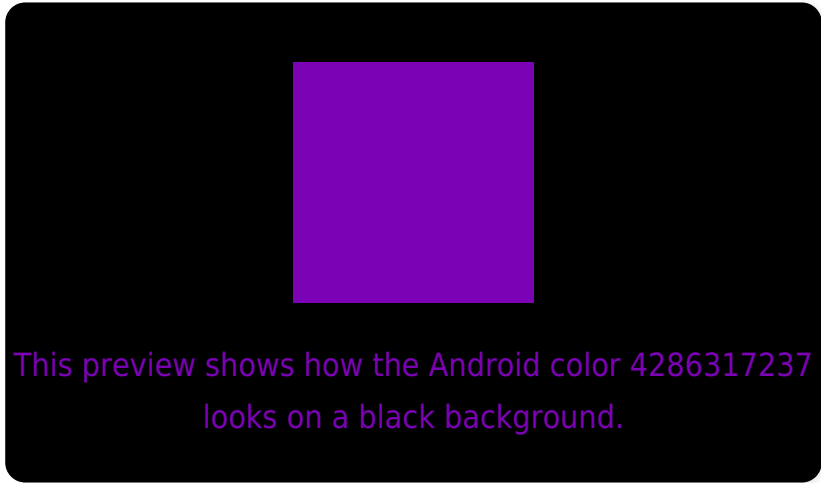
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

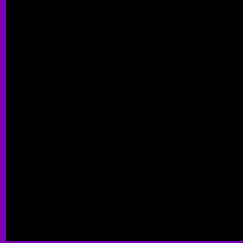
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286317237 Background



This preview shows how black text looks on a background with the Android color 4286317237.



This preview shows how white text looks on a background with the Android color 4286317237.

# 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



**Original Color**  
4286317237

**Protanopia**  
4278210212

**Deuteranopia**  
4278211470



# Trichromacy



**Original Color**

4286317237



**Protanomaly**

4281152170



**Deuteranomaly**

4281153180



**Tritanomaly**

4285607538

# Monochromacy



**Original Color**

4286317237



**Achromatopsia**

4282071867



**Achromatomaly**

4283639399

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286317237 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(124, 2, 181)` looks like.

```
.text, #text, p{  
    color:rgb(124, 2, 181)  
}
```

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(124, 2, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 2, 181) }
```

## Border

The CSS property to change the border of an element to Android 4286317237 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(124, 2, 181) }
```

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

```
.border{ border-color:rgb(124, 2, 181) }
```

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

Here you see how a box with a 4 pixel rgb(124, 2, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 2, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 2, 181);  
box-shadow:4px 4px 4px 4px rgb(124, 2,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4286317237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 2, 181) }
```

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

```
.background{ background-color: rgb(124, 2,  
181) }
```

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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