

# Converting Colors

Android(4286712245)

Have a look what the booklet for  
Android(4286712245) contains.

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**Color**

**Android(4286712245)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8209B5
RGB	130, 9, 181
RGB Percent	51%, 4%, 71%
CMY	0.4902, 0.9647, 0.2902
CMYK	0.28, 0.95, 0.00, 0.29
HSL	282°, 91%, 37%
HSV	282°, 95%, 71%
XYZ	17.6441, 8.2774, 44.3838
YIQ	64.7870, 16.9040, 79.1440

# Conversions

## Conversions Part 2

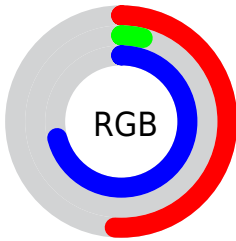
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 9, 181
Decimal	8522165
CIE <sub>Lab</sub>	34.55, 67.32, -61.13
CIE <sub>LCh</sub>	35, 90.934, 317.760
Yxy	8.2774, 0.2510, 0.1177
Android (android.graphics.Color)	4286712245 (0xFF8209B5)
YUV	64.7870, 57.2930, 57.1918
Hunter-Lab	28.7705, 59.1206, -71.3266

# Details

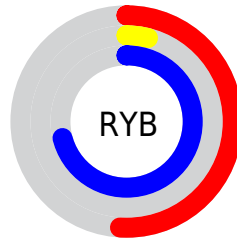
The Android color **4286712245** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4282168585**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4290531310**, and **4282974335** is the 20% darker color. If you saturate the color by 10%, you get **4286513333**, and if you desaturate by 10%, it is **4287044533**.

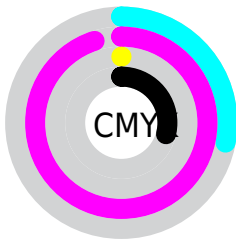
# Distribution



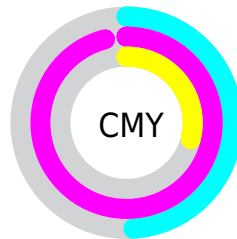
- Red (51%)
- Green (4%)
- Blue (71%)



- Red (51%)
- Yellow (4%)
- Blue (71%)



- Cyan (28%)
- Magenta (95%)
- Yellow (0%)
- Black (29%)



- Cyan (49%)
- Magenta (96%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286712245 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 4286712245 by changing the saturation by 10% instead.





4286712245



4286712245

4294967295



4284809370



4290531310



4282974335



4292439295



4281008229



4294477823



4278517836



4294943999



4278191156



4294951167



4278190622



4294958591



4278190080



4294966271



4286712245



4286712245

■ 4286513333

■ 4287044533

■ 4287442357

■ 4287774645

■ 4288106933

■ 4288505013

■ 4288837301

■ 4289235125

■ 4289567413

■ 4289899701

# Harmonies

## Analogous

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



4278210272



4286712245



4290510962

# Triad

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



4286712245



4286333952



4278217596

# Complementary

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



4286712245



4282168585

# 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.



4278217008



4286712245



4282014464

# Square

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



4286712245



4289396736



4278215936



4278217662

# Rectangle

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



4286712245



4291166275



4278215936



4278217315



# Sweetspot

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



4286712245



4292257771



4278795701



4285090933



4294309365



4285887861



# Same Dimension

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



4286712245



4289003755



4290054547



4283912281



4285268121



4279369754



# Inverse Universe

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



4290054460



4293591110



4278826283



4284043347



4288217133



4279894024



# Previews

## White Background



This preview shows how the Android color 4286712245 looks on a white background.

## Color Contrast Check

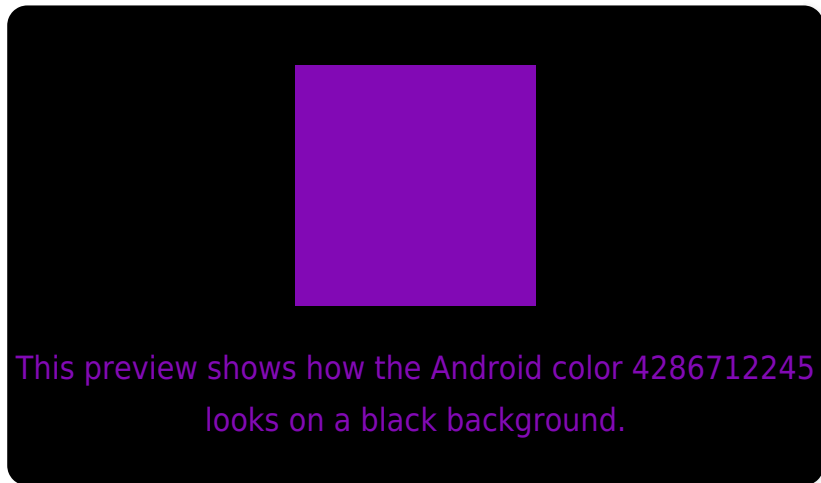
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286712245 Background



This preview shows how black text looks on a background with the Android color 4286712245.



This preview shows how white text looks on a background with the Android color 4286712245.

# 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**

4286712245

**Protanopia**

4278210729

**Deuteranopia**

4278211987



# Trichromacy



**Original Color**

4286712245



**Protanomaly**

4281284269



**Deuteranomaly**

4281285023



**Tritanomaly**

4286001266

# Monochromacy



**Original Color**

4286712245



**Achromatopsia**

4282466625



**Achromatomaly**

4284034411

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286712245 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(130, 9, 181)` looks like.

```
.text, #text, p{  
    color:rgb(130, 9, 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(130, 9, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 9, 181) }
```

## Border

The CSS property to change the border of an element to Android 4286712245 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(130, 9, 181) }
```

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

```
.border{ border-color:rgb(130, 9, 181) }
```

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

Here you see how a box with a 4 pixel rgb(130, 9, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 9, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 9, 181);  
box-shadow:4px 4px 4px 4px rgb(130, 9,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4286712245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 9, 181) }
```

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

```
.background{ background-color: rgb(130, 9,  
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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