

# Converting Colors

Android(4287037662)

Have a look what the booklet for  
Android(4287037662) contains.

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**Color**

**Android(4287037662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8700DE
RGB	135, 0, 222
RGB Percent	53%, 0%, 87%
CMY	0.4706, 1.0000, 0.1294
CMYK	0.39, 1.00, 0.00, 0.13
HSL	276°, 100%, 44%
HSV	276°, 100%, 87%
XYZ	23.1765, 10.4248, 69.8979
YIQ	65.6730, 9.1980, 97.6620

# Conversions

## Conversions Part 2

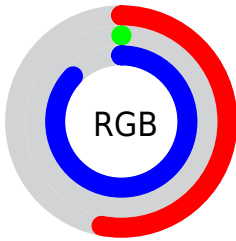
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 0, 222
Decimal	8847582
CIE <sub>Lab</sub>	38.59, 77.05, -78.40
CIE <sub>LCh</sub>	39, 109.927, 314.503
Yxy	10.4248, 0.2239, 0.1007
Android (android.graphics.Color)	4287037662 (0xFF8700DE)
YUV	65.6730, 77.0692, 60.7998
Hunter-Lab	32.2875, 71.6271, -105.7533

# Details

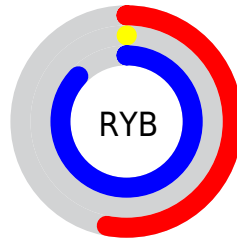
The Android color **4287037662** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **4283948544**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4291056127**, and **4282974373** is the 20% darker color. If you saturate the color by 10%, you get **4287037662**, and if you desaturate by 10%, it is **4287633118**.

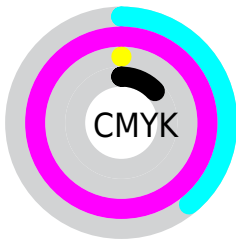
# Distribution



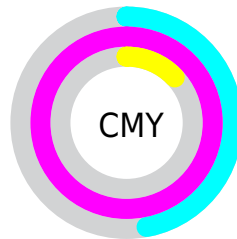
- Red (53%)
- Green (0%)
- Blue (87%)



- Red (53%)
- Yellow (0%)
- Blue (87%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (100%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287037662 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 4287037662 by changing the saturation by 10% instead.



 4287037662

 4287037662

4294967295

 4285006017

 4291056127

 4282974373

 4293029631

 4280483978

 4294937599

 4278190192

 4294945023

 4278190166

 4294952447

 4278191678

 4294959871

 4278190887

 4278190352

 4278190080

 4287037662

 4287633118

 4288163038


 4288758750

 4289354206

 4289949662

 4290479582

 4291075038

 4291670750

 4292200670

# Harmonies

## Analogous

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



4278213887



4287037662



4292411533

# Triad

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



4287037662



4287907072



4278221190

# Complementary

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



4287037662



4283948544

# 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.



4278220325



4287037662



4282803456

# Square

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



4287037662



4291559424



4278219008



4278221530

# Rectangle

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



4287037662



4293394515



4278219008



4278220903



# Sweetspot

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



4287037662



4292981759



4278213086



4285420160



4278190080



4286611584



# Same Dimension

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



4287037662



4288348415



4292739272



4285293936



4285202608



4280090672



# Inverse Universe

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



4292739159



4294901860



4278246934



4285556073



4289724485



4281335827



# Previews

## White Background



This preview shows how the Android color 4287037662 looks on a white background.

## Color Contrast Check

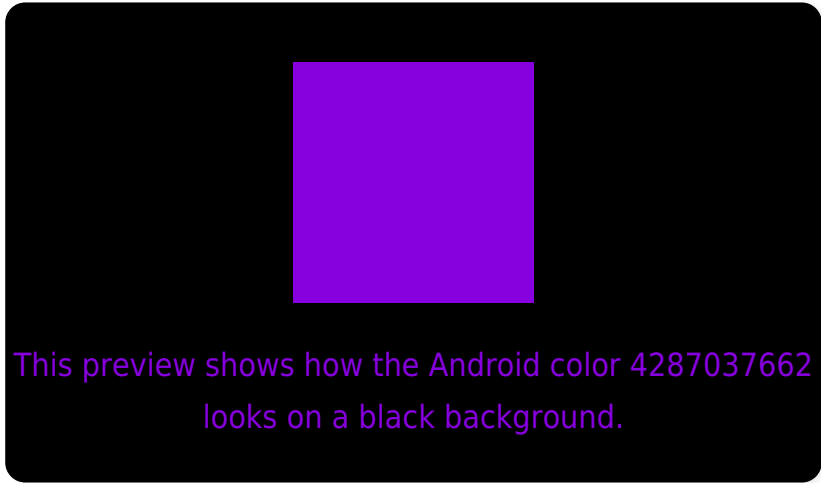
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

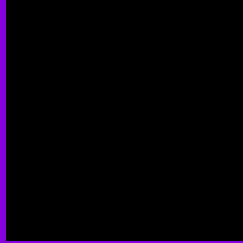
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4287037662 Background



This preview shows how black text looks on a background with the Android color 4287037662.



This preview shows how white text looks on a background with the Android color 4287037662.

# 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**  
4287037662

**Protanomaly**  
4281416136

**Tritanomaly**  
4285937548

# Monochromacy



**Original Color**  
4287037662

**Achromatopsia**  
4282532418

**Achromatomaly**  
4284164731

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287037662 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(135, 0, 222)` looks like.

```
.text, #text, p{  
    color:rgb(135, 0, 222)  
}
```

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(135, 0, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 0, 222) }
```

## Border

The CSS property to change the border of an element to Android 4287037662 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(135, 0, 222) }
```

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

```
.border{ border-color:rgb(135, 0, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 0, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 0, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 0, 222);  
box-shadow:4px 4px 4px 4px rgb(135, 0,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4287037662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 0, 222) }
```

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

```
.background{ background-color: rgb(135, 0,  
222) }
```

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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