

# Converting Colors

Android(4287856064)

Have a look what the booklet for  
Android(4287856064) contains.

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# **Color**

**Android(4287856064)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	937DC0
RGB	147, 125, 192
RGB Percent	58%, 49%, 75%
CMY	0.4235, 0.5098, 0.2471
CMYK	0.23, 0.35, 0.00, 0.25
HSL	260°, 35%, 62%
HSV	260°, 35%, 75%
XYZ	28.8807, 24.6760, 53.1099
YIQ	139.2160, -8.3950, 25.5010

# Conversions

## Conversions Part 2

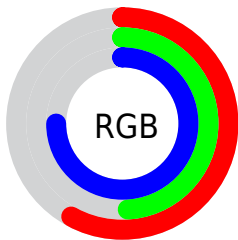
Format	Color
<a href="#">RYB</a>	<a href="#">147, 125, 192</a>
Decimal	<a href="#">9665984</a>
CIELab	<a href="#">56.76, 22.53, -31.99</a>
CIElCh	<a href="#">57, 39.128, 305.158</a>
Yxy	<a href="#">24.6760, 0.2708, 0.2313</a>
Android (android.graphics.Color)	<a href="#">4287856064 (0xFF937DC0)</a>
YUV	<a href="#">139.2160, 26.0225, 6.8266</a>
Hunter-Lab	<a href="#">49.6750, 16.8473, -28.6173</a>

# Details

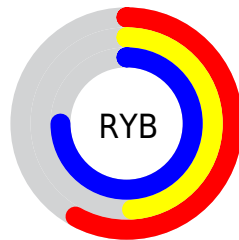
The Android color `4287856064` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4289380477`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4291474169`, and `4284435594` is the 20% darker color. If you saturate the color by 10%, you get `4286999232`, and if you desaturate by 10%, it is `4288712896`.

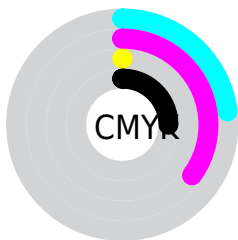
# Distribution



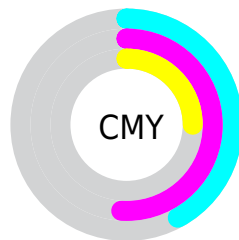
- Red (58%)
- Green (49%)
- Blue (75%)



- Red (58%)
- Yellow (49%)
- Blue (75%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (51%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287856064 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 4287856064 by changing the saturation by 10% instead.



 4287856064

 4287856064

4294967295

 4286145701


 4291474169

 4284435594

 4293381631

 4282791280

 4294961919

 4281147224

 4279503424

 4278190122

 4278190356

 4278190080

 4287856064

 4287856064

 4286999232

 4288712896


 4286142400

 4289569728

 4285285312

 4290426816

 4284428480

 4291283648

 4283637184

 4292074944

 4282780352

 4292931776

 4282319040

 4293787584

 4294639552

 4294967232

# Harmonies

## Analogous

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



4284189388



4287856064



4290212261

# Triad

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



4287856064



4290018379



4278229645

# Complementary

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



4287856064



4289380477

# 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.



4282881898



4287856064



4288120899

# Square

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



4287856064



4291195235



4285764175



4278229422

# Rectangle

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



4287856064



4291128719



4285764175



4279605633



# Sweetspot

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



4287856064



4293517818



4286426048



4285755005



4294769916



4286414205



# Same Dimension

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



4287856064



4289958394



4290018752



4284110689



4281663649



4278911009



# Inverse Universe

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



4290805162



4294611415



4287217789



4284569438



4288741484

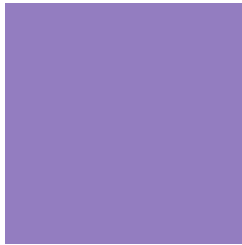


4280352790



# Previews

## White Background



This preview shows how the Android color 4287856064 looks on a white background.

## Color Contrast Check

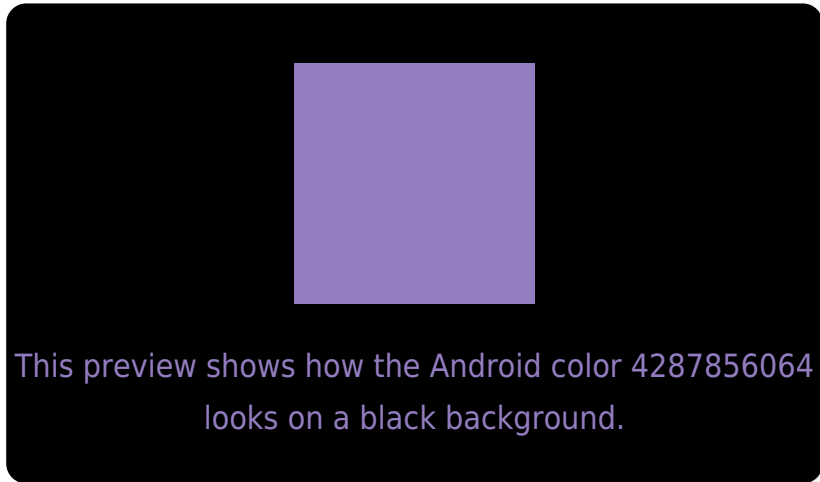
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287856064 Background



This preview shows how black text looks on a background with the Android color 4287856064.




This preview shows how white text looks on a background with the Android color 4287856064.

# 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**  
4287268497

# Trichromacy



**Original Color**  
4287856064

**Protanomaly**  
4286546884

**Deuteranomaly**  
4286677951

**Tritanomaly**  
4287464354

# Monochromacy



**Original Color**  
4287856064

**Achromatopsia**  
4287335307

**Achromatomaly**  
4287530654

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287856064 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(147, 125, 192)` looks like.

```
.text, #text, p{  
    color:rgb(147, 125, 192)  
}
```

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(147, 125, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 125, 192) }
```

## Border

The CSS property to change the border of an element to Android 4287856064 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(147, 125, 192) }
```

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

```
.border{ border-color:rgb(147, 125, 192) }
```

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

Here you see how a box with a 4 pixel rgb(147, 125, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 125, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 125, 192);  
box-shadow:4px 4px 4px 4px rgb(147, 125,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4287856064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 125, 192) }
```

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

```
.background{ background-color: rgb(147,  
125, 192) }
```

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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