

# Converting Colors

Android(4284837267)

Have a look what the booklet for  
Android(4284837267) contains.

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# Color

**Android(4284837267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	656D93
RGB	101, 109, 147
RGB Percent	40%, 43%, 58%
CMY	0.6039, 0.5725, 0.4235
CMYK	0.31, 0.26, 0.00, 0.42
HSL	230°, 19%, 49%
HSV	230°, 31%, 58%
XYZ	16.1019, 15.8106, 29.8068
YIQ	110.9400, -16.9660, 10.1220

# Conversions

## Conversions Part 2

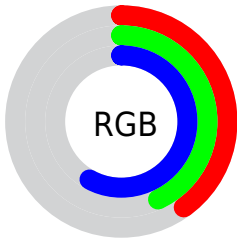
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 108, 147
Decimal	6647187
CIE Lab	46.72, 6.30, -21.72
CIE LCh	47, 22.610, 286.168
Yxy	15.8106, 0.2609, 0.2562
Android (android.graphics.Color)	4284837267 (0xFF656D93)
YUV	110.9400, 17.7776, -8.7174
Hunter-Lab	39.7625, 2.6997, -16.6113

# Details

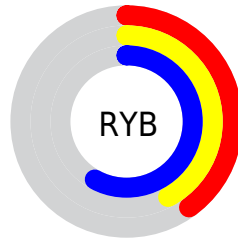
The Android color `4284837267` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287859557`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4288258249`, and `4281613920` is the 20% darker color. If you saturate the color by 10%, you get `4283851155`, and if you desaturate by 10%, it is `4285823379`.

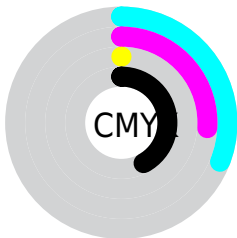
# Distribution



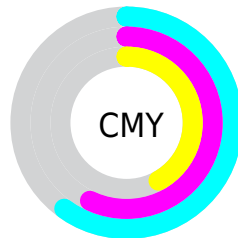
- Red (40%)
- Green (43%)
- Blue (58%)



- Red (40%)
- Yellow (42%)
- Blue (58%)



- Cyan (31%)
- Magenta (26%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (57%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284837267 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 4284837267 by changing the saturation by 10% instead.





4284837267



4284837267

4294967295



4283192697



4288258249



4281613920



4290034661



4280100936



4291876863



4278457394



4293719039



4278190621



4278190080



4284837267



4284837267



4283851155



4285823379



4282930579



4286743955

■ 4281944467

■ 4287730067

■ 4280958099

■ 4288716435

■ 4280037523

■ 4289702547

■ 4279051411

■ 4290623123

■ 4278196883

■ 4291609235

■ 4292595347

■ 4293515923

# Harmonies

## Analogous

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



4283003795



4284837267



4286473865

# Triad

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



4284837267



4287652948



4282808677

# Complementary

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



4284837267



4287859557

# 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.



4284249684



4284837267



4286868298

# Square

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



4284837267



4287979877



4285690186



4281629049

# Rectangle

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



4284837267



4287259518



4285690186



4283267167



# Sweetspot

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



4284837267



4289638847



4284846987



4283848801



4292927712



4284572001



# Same Dimension

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



4284837267



4286022591



4285818259



4282598474



4278196362



4278190602



# Inverse Universe

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



4287849837



4290738051



4286878565



4283056964



4287234072

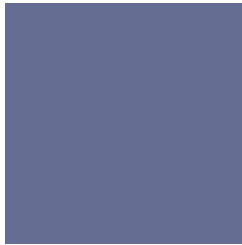


4278845442



# Previews

## White Background



This preview shows how the Android color 4284837267 looks on a white background.

## Color Contrast Check

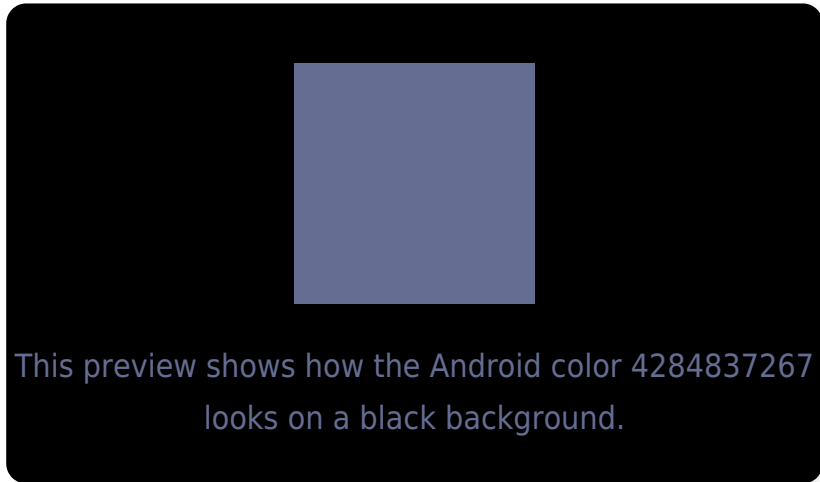
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284837267 Background



This preview shows how black text looks on a background with the Android color 4284837267.



This preview shows how white text looks on a background with the Android color 4284837267.

# 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**

4284837267

**Protanopia**

4284771731

**Deuteranopia**

4284837267



# Trichromacy



**Original Color**

4284837267

**Protanomaly**

4284771731

**Deuteranomaly**

4284837267

**Tritanomaly**

4284641412

# Monochromacy



**Original Color**

4284837267

**Achromatopsia**

4285493103

**Achromatomaly**

4285230716

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284837267 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(101, 109, 147)` looks like.

```
.text, #text, p{  
    color:rgb(101, 109, 147)  
}
```

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(101, 109, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 109, 147) }
```

## Border

The CSS property to change the border of an element to Android 4284837267 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(101, 109, 147) }
```

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

```
.border{ border-color:rgb(101, 109, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 109, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 109, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 109, 147);  
box-shadow:4px 4px 4px 4px rgb(101, 109,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4284837267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 109, 147) }
```

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

```
.background{ background-color: rgb(101,  
109, 147) }
```

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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