

# Converting Colors

Android(4284687484)

Have a look what the booklet for  
Android(4284687484) contains.

<b>Android(4284687484)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4284687484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63247C
RGB	99, 36, 124
RGB Percent	39%, 14%, 49%
CMY	0.6118, 0.8588, 0.5137
CMYK	0.20, 0.71, 0.00, 0.51
HSL	283°, 55%, 31%
HSV	283°, 71%, 49%
XYZ	9.4146, 5.3696, 19.6090
YIQ	64.8690, 9.3000, 40.7240

# Conversions

## Conversions Part 2

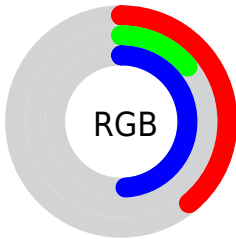
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 36, 124
Decimal	6497404
CIE <sub>Lab</sub>	27.76, 42.71, -37.49
CIE <sub>LCh</sub>	28, 56.830, 318.724
Yxy	5.3696, 0.2737, 0.1561
Android (android.graphics.Color)	4284687484 (0xFF63247C)
YUV	64.8690, 29.1516, 29.9329
Hunter-Lab	23.1725, 31.9695, -33.9517

# Details

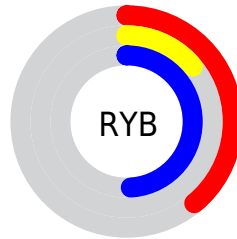
The Android color **4284687484** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4282219556**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4288239281**, and **4281335882** is the 20% darker color. If you saturate the color by 10%, you get **4284422268**, and if you desaturate by 10%, it is **4284952700**.

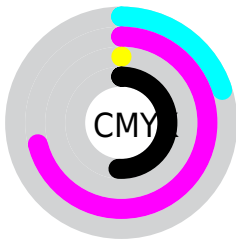
# Distribution



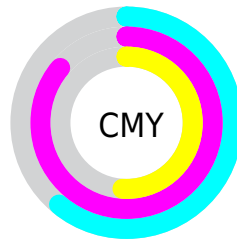
- Red (39%)
- Green (14%)
- Blue (49%)



- Red (39%)
- Yellow (14%)
- Blue (49%)



- Cyan (20%)
- Magenta (71%)
- Yellow (0%)
- Black (51%)



- Cyan (61%)
- Magenta (86%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284687484 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 4284687484 by changing the saturation by 10% instead.



4284687484

4284687484

4294967295

4282976099

4288239281

4281335882

4290015437

4279894067

4291922665

4278190621

4293764607

4278190080

4294951423

4294958591

4294966015

4284687484

4284687484

■ 4284422268

■ 4284952700

■ 4284222332

■ 4285152636

■ 4284022908

■ 4285417852

■ 4285617788

■ 4285883004

■ 4286082684

■ 4286348156

■ 4286547836

■ 4286813308

# Harmonies

## Analogous

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



4278206102



4284687484



4286906452

# Triad

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



4284687484



4284430848



4278211421

# Complementary

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



4284687484



4282219556

# 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.



4278211119



4284687484



4281878528

# Square

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



4284687484



4286325248



4278210304



4278211203

# Rectangle

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



4284687484



4287299639



4278210304



4278211406



# Sweetspot

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



4284687484



4288118689



4280565372



4283186514



4291940817



4283585106



# Same Dimension

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



4284687484



4286191777



4286325866



4282070845



4284022909



4290052348



# Inverse Universe

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



4286325821



4288747583



4280581174



4282201913



4286382115

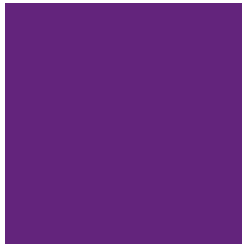


4294705224



# Previews

## White Background



This preview shows how the Android color 4284687484 looks on a white background.

## Color Contrast Check

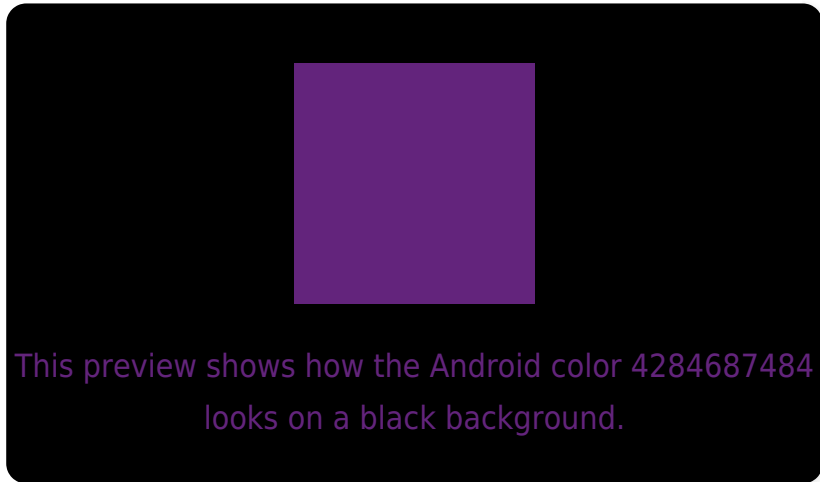
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284687484 Background



This preview shows how black text looks on a background with the Android color 4284687484.



This preview shows how white text looks on a background with the Android color 4284687484.

# 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**

4284687484

**Protanopia**

4278206600

**Deuteranopia**

4279387254



# Trichromacy



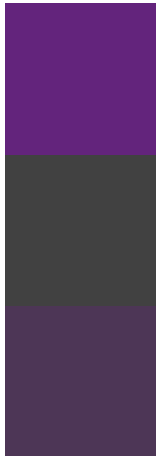
**Original Color**  
4284687484

**Protanomaly**  
4280563332

**Deuteranomaly**  
4281284728

**Tritanomaly**  
4284297557

# Monochromacy



**Original Color**  
4284687484

**Achromatopsia**  
4282466625

**Achromatomaly**  
4283250262

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284687484 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(99, 36, 124)` looks like.

```
.text, #text, p{  
    color:rgb(99, 36, 124)  
}
```

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(99, 36, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 36, 124) }
```

## Border

The CSS property to change the border of an element to Android 4284687484 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(99, 36, 124) }
```

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

```
.border{ border-color:rgb(99, 36, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 36, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 36, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 36, 124);  
box-shadow:4px 4px 4px 4px rgb(99, 36,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4284687484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 36, 124) }
```

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

```
.background{ background-color: rgb(99, 36,  
124) }
```

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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