

# Converting Colors

Android(4284890493)

Have a look what the booklet for  
Android(4284890493) contains.

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# Color

**Android(4284890493)**

# Conversions

## Conversions Part 1

Format	Color
Hex	663D7D
RGB	102, 61, 125
RGB Percent	40%, 24%, 49%
CMY	0.6000, 0.7608, 0.5098
CMYK	0.18, 0.51, 0.00, 0.51
HSL	278°, 34%, 36%
HSV	278°, 51%, 49%
XYZ	10.8499, 7.6429, 20.3054
YIQ	80.5550, 3.8920, 28.5960

# Conversions

## Conversions Part 2

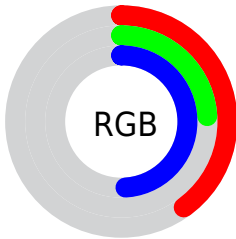
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 61, 125
Decimal	6700413
CIE <sub>Lab</sub>	33.23, 30.36, -29.39
CIE <sub>LCh</sub>	33, 42.255, 315.930
Yxy	7.6429, 0.2796, 0.1970
Android (android.graphics.Color)	4284890493 (0xFF663D7D)
YUV	80.5550, 21.9114, 18.8073
Hunter-Lab	27.6459, 21.6739, -24.1954

# Details

The Android color `4284890493` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4283727165`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4288310962`, and `4281667404` is the 20% darker color. If you saturate the color by 10%, you get `4284625277`, and if you desaturate by 10%, it is `4285155965`.

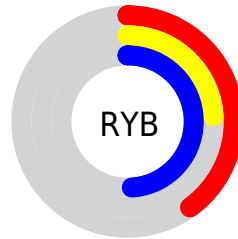
# Distribution



Red (40%)

Green (24%)

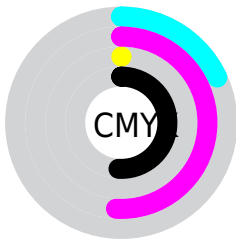
Blue (49%)



Red (40%)

Yellow (24%)

Blue (49%)

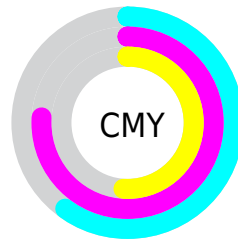


Cyan (18%)

Magenta (51%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (76%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284890493 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 4284890493 by changing the saturation by 10% instead.





4284890493



4284890493

4294967295



4283246180



4288310962



4281667404



4290152654



4280221749



4291994346



4278190367



4293901823



4278190081



4294957567



4278190080



4294964991



4284890493



4284890493



4284625277



4285155965

■ 4284294269

■ 4285486717

■ 4284028797

■ 4285752189

■ 4283698045

■ 4286082941

■ 4283433085

■ 4286348413

■ 4286679165

■ 4286944381

■ 4287275389

■ 4287540605

# Harmonies

## Analogous

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



4281027727



4284890493



4286721887

# Triad

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



4284890493



4285220612



4278214240

# Complementary

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



4284890493



4283727165

# 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.



4278213949



4284890493



4283322881

# Square

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



4284890493



4286658847



4280703260



4278213758

# Rectangle

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



4284890493



4287179849



4280703260



4278214228



# Sweetspot

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



4284890493



4288318371



4282209405



4283188050



4291940817



4283585106



# Same Dimension

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



4284890493



4286529699



4286397812



4282202432



4283564160



4278190080



# Inverse Universe

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



4286397780



4288888931



4282219846



4282399036



4286578734

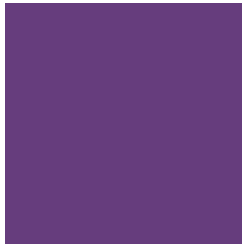


4278190080



# Previews

## White Background



This preview shows how the Android color 4284890493 looks on a white background.

## Color Contrast Check

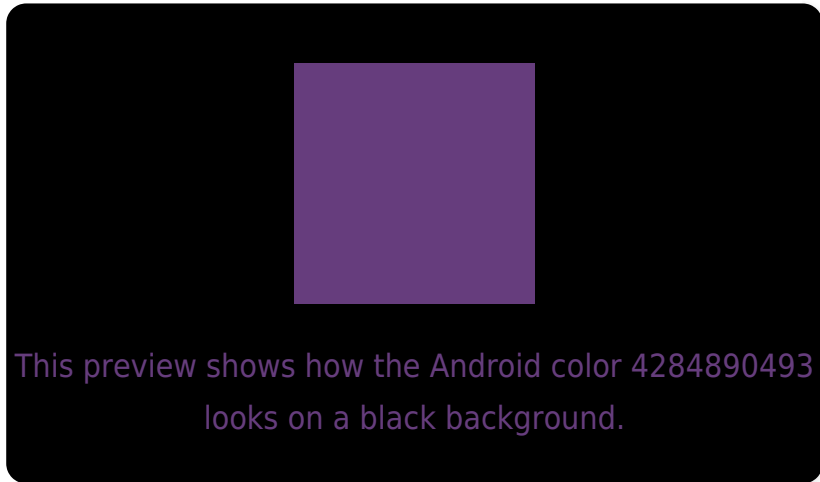
Large Text (above 18pt) WCAG AA ✓ Pass

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

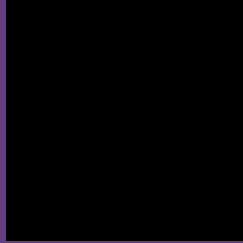
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284890493 Background



This preview shows how black text looks on a background with the Android color 4284890493.



This preview shows how white text looks on a background with the Android color 4284890493.

# 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**  
4284890493

**Protanopia**  
4281420939

**Deuteranopia**  
4281880186



# Trichromacy



**Original Color**

4284890493

**Protanomaly**

4282664838

**Deuteranomaly**

4282992763

**Tritanomaly**

4284630367

# Monochromacy



**Original Color**

4284890493

**Achromatopsia**

4283519313

**Achromatomaly**

4284041825

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284890493 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(102, 61, 125)` looks like.

```
.text, #text, p{  
    color:rgb(102, 61, 125)  
}
```

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(102, 61, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 61, 125) }
```

## Border

The CSS property to change the border of an element to Android 4284890493 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(102, 61, 125) }
```

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

```
.border{ border-color:rgb(102, 61, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 61, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 61, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 61, 125);  
box-shadow:4px 4px 4px 4px rgb(102, 61,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4284890493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 61, 125) }
```

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

```
.background{ background-color: rgb(102, 61,  
125) }
```

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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