

# Converting Colors

Android(4286465194)

Have a look what the booklet for  
Android(4286465194) contains.

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# Color

**Android(4286465194)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E44AA
RGB	126, 68, 170
RGB Percent	49%, 27%, 67%
CMY	0.5059, 0.7333, 0.3333
CMYK	0.26, 0.60, 0.00, 0.33
HSL	274°, 43%, 47%
HSV	274°, 60%, 67%
XYZ	17.9270, 11.4721, 39.2997
YIQ	96.9700, 1.8260, 44.0180

# Conversions

## Conversions Part 2

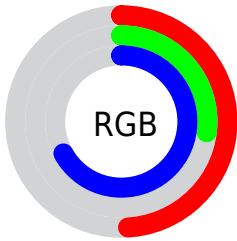
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 68, 170
Decimal	8275114
CIE <sub>Lab</sub>	40.36, 43.79, -45.22
CIE <sub>LCh</sub>	40, 62.948, 314.082
Yxy	11.4721, 0.2610, 0.1670
Android (android.graphics.Color)	4286465194 (0xFF7E44AA)
YUV	96.9700, 36.0038, 25.4593
Hunter-Lab	33.8706, 35.2030, -45.0843

# Details

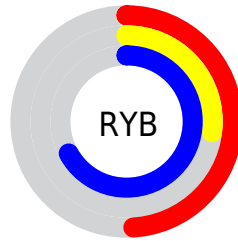
The Android color `4286465194` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4285573700`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4290082786`, and `4282978677` is the 20% darker color. If you saturate the color by 10%, you get `4286002090`, and if you desaturate by 10%, it is `4286928298`.

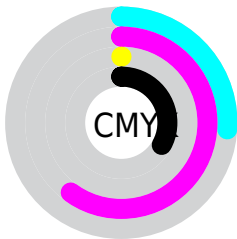
# Distribution



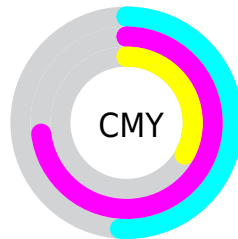
- Red (49%)
- Green (27%)
- Blue (67%)



- Red (49%)
- Yellow (27%)
- Blue (67%)



- Cyan (26%)
- Magenta (60%)
- Yellow (0%)
- Black (33%)



- Cyan (51%)
- Magenta (73%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286465194 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 4286465194 by changing the saturation by 10% instead.



 4286465194

 4286465194

4294967295

 4284689295

 4290082786

 4282978677

 4291990015

 4281204828

 4293897727

 4279763012

 4294953215

 4278190636

 4294960639

 4278190359

 4278190080

 4286465194

 4286465194

 4286002090

 4286928298

■ 4285473450

■ 4287456938

■ 4285010346

■ 4287920042

■ 4284547242

■ 4288383146

■ 4288911786

■ 4289374890

■ 4289837994

■ 4290366634

■ 4290829738

# Harmonies

## Analogous

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



4278214084



4286465194



4289471613

# Triad

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



4286465194



4287255296



4278220151

# Complementary

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



4286465194



4285573700

# 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.



4278219841



4286465194



4284376064

# Square

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



4286465194



4289345559



4279725824



4278219942

# Rectangle

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



4286465194



4290189402



4279725824



4278220133



# Sweetspot

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



4286465194



4291671774



4282675370



4284897392



4293980400



4285558896



# Same Dimension

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



4286465194



4288233182



4289348771



4283518036



4283695252



4278976532



# Inverse Universe

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



4289348720



4292755075



4282690123



4283714639



4287889472



4279500809



# Previews

## White Background



This preview shows how the Android color 4286465194 looks on a white background.

## Color Contrast Check

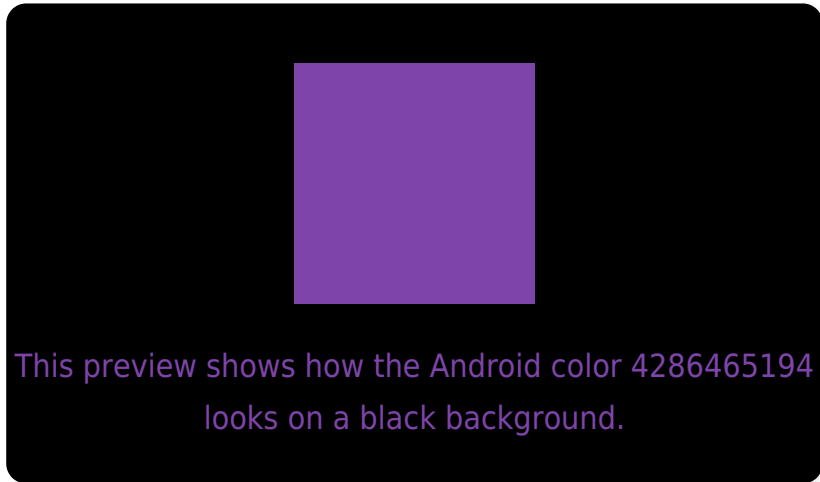
Large Text (above 18pt) WCAG AA ✓ Pass

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

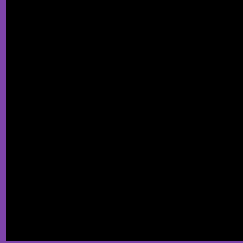
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4286465194 Background



This preview shows how black text looks on a background with the Android color 4286465194.

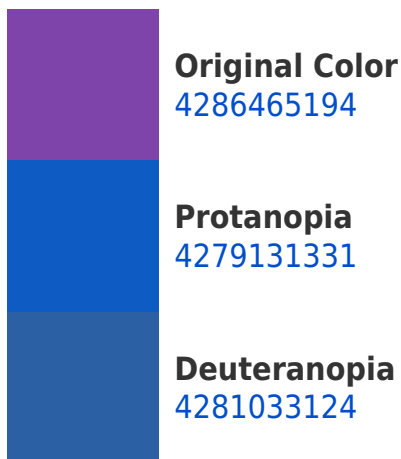


This preview shows how white text looks on a background with the Android color 4286465194.

# 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**

4286465194



**Protanomaly**

4281815994



**Deuteranomaly**

4282996390



**Tritanomaly**

4285944187

# Monochromacy



**Original Color**

4286465194



**Achromatopsia**

4284572001



**Achromatomaly**

4285290108

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286465194 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(126, 68, 170)` looks like.

```
.text, #text, p{  
    color:rgb(126, 68, 170)  
}
```

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(126, 68, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 68, 170) }
```

## Border

The CSS property to change the border of an element to Android 4286465194 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(126, 68, 170) }
```

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

```
.border{ border-color:rgb(126, 68, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 68, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 68, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 68, 170);  
box-shadow:4px 4px 4px 4px rgb(126, 68,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4286465194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 68, 170) }
```

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

```
.background{ background-color: rgb(126, 68,  
170) }
```

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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