

# Converting Colors

Android(4286209701)

Have a look what the booklet for  
Android(4286209701) contains.

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# Color

**Android(4286209701)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A5EA5
RGB	122, 94, 165
RGB Percent	48%, 37%, 65%
CMY	0.5216, 0.6314, 0.3529
CMYK	0.26, 0.43, 0.00, 0.35
HSL	264°, 28%, 51%
HSV	264°, 43%, 65%
XYZ	18.8203, 14.8596, 37.4736
YIQ	110.4660, -6.1030, 28.0170

# Conversions

## Conversions Part 2

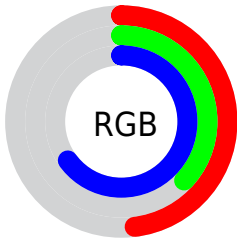
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 94, 165
Decimal	8019621
CIE Lab	45.44, 26.60, -34.22
CIE LCh	45, 43.344, 307.850
Yxy	14.8596, 0.2645, 0.2088
Android (android.graphics.Color)	4286209701 (0xFF7A5EA5)
YUV	110.4660, 26.8853, 10.1153
Hunter-Lab	38.5481, 19.6894, -30.6535

# Details

The Android color `4286209701` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287210846`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4289761756`, and `4282855281` is the 20% darker color. If you saturate the color by 10%, you get `4285550245`, and if you desaturate by 10%, it is `4286869157`.

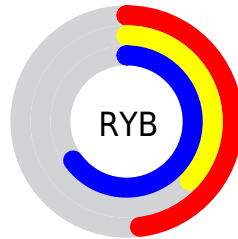
# Distribution



Red (48%)

Green (37%)

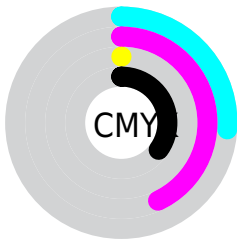
Blue (65%)



Red (48%)

Yellow (37%)

Blue (65%)

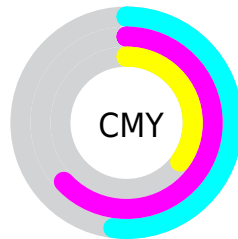


Cyan (26%)

Magenta (43%)

Yellow (0%)

Black (35%)



Cyan (52%)

Magenta (63%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286209701 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 4286209701 by changing the saturation by 10% instead.



■ 4286209701

■ 4286209701

4294967295

■ 4284499594

■ 4289761756

■ 4282855281

■ 4291603705

■ 4281211224

■ 4293445631

■ 4279632704

■ 4294960127

■ 4278190122

■ 4278190355

■ 4278190080

■ 4286209701

■ 4286209701

■ 4285550245

■ 4286869157

4284890533

4287528869

4284230821

4288188325

4283571365

4288848037

4282911909

4289507493

4282450085

4290167205

4290826917

4291486373

4292146085

# Harmonies

## Analogous

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



4281756851



4286209701



4288630920

# Triad

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



4286209701



4287979559



4278222196

# Complementary

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



4286209701



4287210846

# 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.



4278745935



4286209701



4285951262

# Square

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



4286209701



4289286721



4283463215



4278221975

# Rectangle

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



4286209701



4289416048



4283463215



4278222184



# Sweetspot

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



4286209701



4291148502



4284385957



4284570219



4293651435



4285229931



# Same Dimension

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



4286209701



4287850454



4288503461



4283255122



4281925777



4278648850



# Inverse Universe

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



4289027721



4292241322



4284917086



4283582798



4287692888

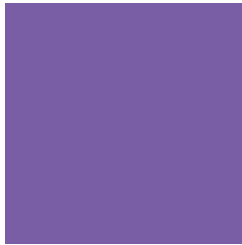


4279369739



# Previews

## White Background



This preview shows how the Android color 4286209701 looks on a white background.

## Color Contrast Check

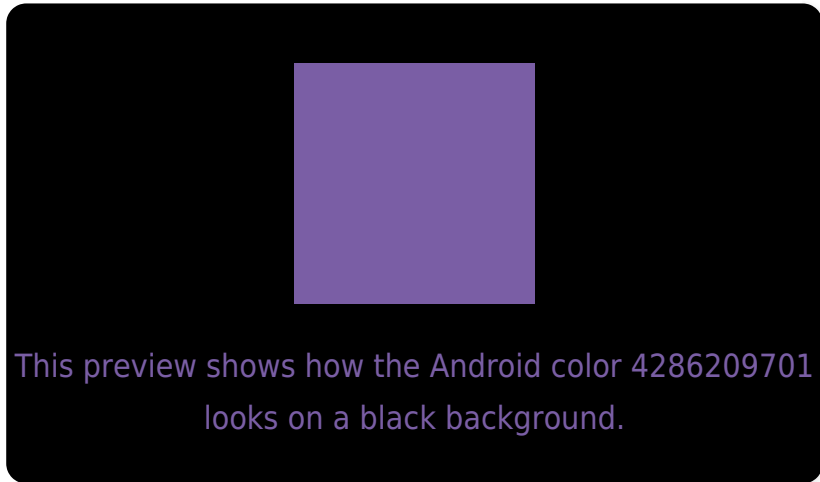
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286209701 Background



This preview shows how black text looks on a background with the Android color 4286209701.



This preview shows how white text looks on a background with the Android color 4286209701.

# 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**  
4286209701

**Protanopia**  
4283460015

**Deuteranopia**  
4283591586



# Trichromacy



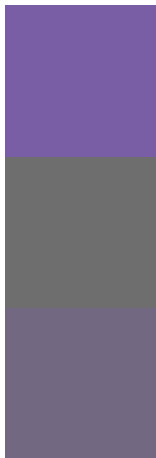
**Original Color**  
4286209701

**Protanomaly**  
4284442027

**Deuteranomaly**  
4284573347

**Tritanomaly**  
4285818245

# Monochromacy



**Original Color**  
4286209701

**Achromatopsia**  
4285427310

**Achromatomaly**  
4285687938

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286209701 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(122, 94, 165)` looks like.

```
.text, #text, p{  
    color:rgb(122, 94, 165)  
}
```

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(122, 94, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 94, 165) }
```

## Border

The CSS property to change the border of an element to Android 4286209701 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(122, 94, 165) }
```

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

```
.border{ border-color:rgb(122, 94, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 94, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 94, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 94, 165); box-shadow:4px 4px 4px 4px rgb(122, 94, 165) }
```

# Background

The CSS property to change the background color of an element to Android 4286209701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 94, 165) }
```

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

```
.background{ background-color: rgb(122, 94,  
165) }
```

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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