

# Converting Colors

Android(4286413739)

Have a look what the booklet for  
Android(4286413739) contains.

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# Color

**Android(4286413739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D7BAB
RGB	125, 123, 171
RGB Percent	49%, 48%, 67%
CMY	0.5098, 0.5176, 0.3294
CMYK	0.27, 0.28, 0.00, 0.33
HSL	243°, 22%, 58%
HSV	243°, 28%, 67%
XYZ	22.8911, 21.4662, 41.4650
YIQ	129.0700, -14.2160, 15.3520

# Conversions

## Conversions Part 2

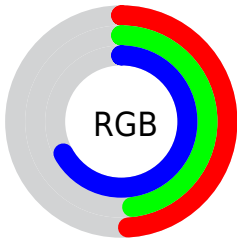
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 123, 171
Decimal	8223659
CIELab	53.46, 11.71, -25.22
CIELCh	53, 27.801, 294.902
Yxy	21.4662, 0.2667, 0.2501
Android (android.graphics.Color)	4286413739 (0xFF7D7BAB)
YUV	129.0700, 20.6715, -3.5694
Hunter-Lab	46.3316, 7.1114, -20.6301

# Details

The Android color `4286413739` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289309563`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4289966051`, and `4283124343` is the 20% darker color. If you saturate the color by 10%, you get `4285360811`, and if you desaturate by 10%, it is `4287466667`.

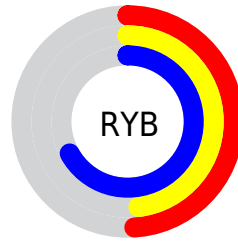
# Distribution



Red (49%)

Green (48%)

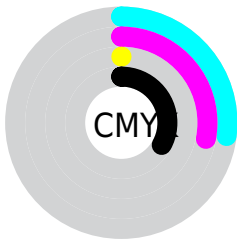
Blue (67%)



Red (49%)

Yellow (48%)

Blue (67%)

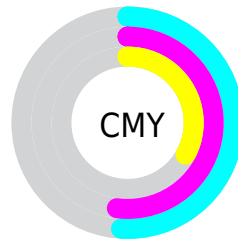


Cyan (27%)

Magenta (28%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (52%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286413739 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 4286413739 by changing the saturation by 10% instead.



■ 4286413739

■ 4286413739

4294967295

■ 4284703376

■ 4289966051

■ 4283124343

■ 4291742719

■ 4281480286

■ 4293650431

■ 4279967558

■ 4278519599

■ 4278190362

■ 4278190080

■ 4286413739

■ 4286413739

■ 4285360811

■ 4287466667

■ 4284242347

■ 4288585131

■ 4283189419

■ 4289638059

■ 4282070955

■ 4290756523

■ 4281018027

■ 4291809451

■ 4279964843

■ 4292862635

■ 4278846379

■ 4293981099

■ 4278649003

■ 4294967211

# Harmonies

## Analogous

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



4283990959



4286413739



4288312220

# Triad

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



4286413739



4289099097



4282551419

# Complementary

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



4286413739



4289309563

# 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.



4284516963



4286413739



4287921488

# Square

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



4286413739



4289687405



4286284884



4280978579

# Rectangle

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



4286413739



4289163149



4286284884



4283206770



# Sweetspot

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



4286413739



4291677406



4286294443



4284835184



4293980400



4285558896



# Same Dimension

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



4286413739



4288058078



4287986603



4283321943



4278583446



4278255639



# Inverse Universe

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



4289428393



4292776667



4287736699



4283911766



4288020624



4279697430



# Previews

## White Background



This preview shows how the Android color 4286413739 looks on a white background.

## Color Contrast Check

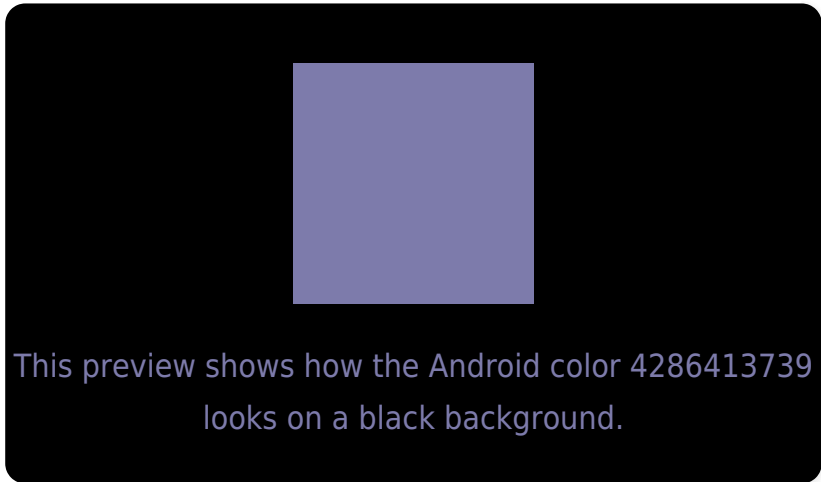
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4286413739 Background



This preview shows how black text looks on a background with the Android color 4286413739.



This preview shows how white text looks on a background with the Android color 4286413739.

# 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**

4286413739

**Protanopia**

4285693613

**Deuteranopia**

4285824682



# Trichromacy



**Original Color**  
4286413739

**Protanomaly**  
4285955500

**Deuteranomaly**  
4286021034

**Tritanomaly**  
4286152599

# Monochromacy



**Original Color**  
4286413739

**Achromatopsia**  
4286677377

**Achromatomaly**  
4286611344

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286413739 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(125, 123, 171)` looks like.

```
.text, #text, p{  
    color:rgb(125, 123, 171)  
}
```

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(125, 123, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 123, 171) }
```

## Border

The CSS property to change the border of an element to Android 4286413739 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(125, 123, 171) }
```

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

```
.border{ border-color:rgb(125, 123, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 123, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 123, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 123, 171);  
box-shadow:4px 4px 4px 4px rgb(125, 123,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4286413739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 123, 171) }
```

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

```
.background{ background-color: rgb(125,  
123, 171) }
```

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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