

# Converting Colors

Android(4286213289)

Have a look what the booklet for  
Android(4286213289) contains.

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# Color

**Android(4286213289)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A6CA9
RGB	122, 108, 169
RGB Percent	48%, 42%, 66%
CMY	0.5216, 0.5765, 0.3373
CMYK	0.28, 0.36, 0.00, 0.34
HSL	254°, 26%, 54%
HSV	254°, 36%, 66%
XYZ	20.5500, 17.7273, 39.8747
YIQ	119.1400, -11.2370, 21.9390

# Conversions

## Conversions Part 2

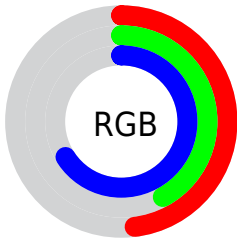
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 108, 169
Decimal	8023209
CIE <sub>Lab</sub>	49.16, 19.22, -30.74
CIE <sub>LCh</sub>	49, 36.253, 302.015
Yxy	17.7273, 0.2629, 0.2268
Android (android.graphics.Color)	4286213289 (0xFF7A6CA9)
YUV	119.1400, 24.5810, 2.5082
Hunter-Lab	42.1038, 13.4408, -26.6784

# Details

The Android color `4286213289` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288391532`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4289765601`, and `4282858613` is the 20% darker color. If you saturate the color by 10%, you get `4285356969`, and if you desaturate by 10%, it is `4287069609`.

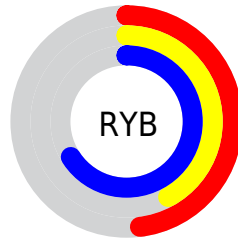
# Distribution



Red (48%)

Green (42%)

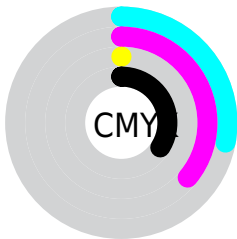
Blue (66%)



Red (48%)

Yellow (42%)

Blue (66%)

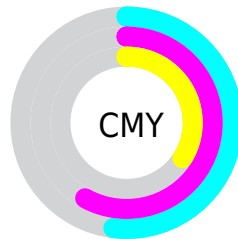


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (52%)

Magenta (58%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286213289 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 4286213289 by changing the saturation by 10% instead.



 4286213289

 4286213289

4294967295

 4284503182

 4289765601

 4282858613

 4291607549

 4281280348

 4293449471

 4279636548

 4294964223

 4278190125

 4278190360

 4278190080

 4286213289

 4286213289

 4285356969

 4287069609

■ 4284500649

■ 4287925929

■ 4283644329

■ 4288782249

■ 4282788009

■ 4289638569

■ 4281931689

■ 4290494633

■ 4281075625

■ 4291350953

■ 4280746153

■ 4292207273

■ 4293063593

■ 4293918633

# Harmonies

## Analogous

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



4282677170



4286213289



4288504210

# Triad

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



4286213289



4288571711



4278224246

# Complementary

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



4286213289



4288391532

# 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.



4282286679



4286213289



4286936118

# Square

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



4286213289



4289552214



4284906815



4278224020

# Rectangle

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



4286213289



4289354878



4284906815



4279403627



# Sweetspot

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



4286213289



4291412955



4285308073



4284702574



4293783021



4285427310



# Same Dimension

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



4286213289



4287856091



4288179369



4283321428



4280418452



4278517780



# Inverse Universe

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



4289293467



4292574662



4286425452



4283714642



4287889522



4279500816



# Previews

## White Background



This preview shows how the Android color 4286213289 looks on a white background.

## Color Contrast Check

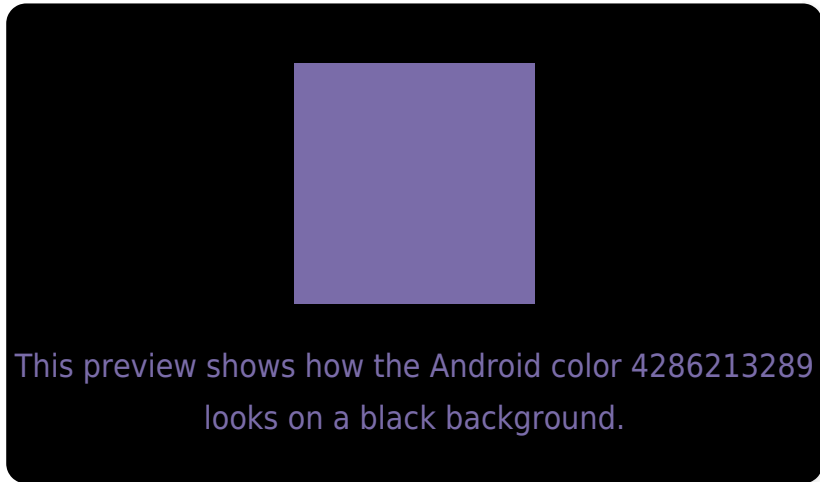
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4286213289 Background



This preview shows how black text looks on a background with the Android color 4286213289.

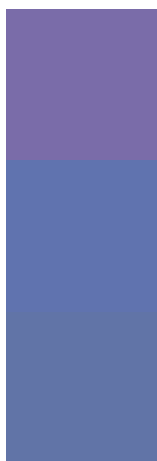


This preview shows how white text looks on a background with the Android color 4286213289.

# 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**

4286213289

**Protanopia**

4284511151

**Deuteranopia**

4284576935



# Trichromacy



**Original Color**  
4286213289

**Protanomaly**  
4285100205

**Deuteranomaly**  
4285165992

**Tritanomaly**  
4285887118

# Monochromacy



**Original Color**  
4286213289

**Achromatopsia**  
4286019447

**Achromatomaly**  
4286083977

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286213289 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, 108, 169)` looks like.

```
.text, #text, p{  
    color:rgb(122, 108, 169)  
}
```

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, 108, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 108, 169) }
```

## Border

The CSS property to change the border of an element to Android 4286213289 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, 108, 169) }
```

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

```
.border{ border-color:rgb(122, 108, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 108, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 108, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 108, 169);  
box-shadow:4px 4px 4px 4px rgb(122, 108,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4286213289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 108, 169) }
```

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

```
.background{ background-color: rgb(122,  
108, 169) }
```

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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