

# Converting Colors

Android(4282999703)

Have a look what the booklet for  
Android(4282999703) contains.

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# Color

**Android(4282999703)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	496397
RGB	73, 99, 151
RGB Percent	29%, 39%, 59%
CMY	0.7137, 0.6118, 0.4078
CMYK	0.52, 0.34, 0.00, 0.41
HSL	220°, 35%, 44%
HSV	220°, 52%, 59%
XYZ	12.7954, 12.5745, 31.0309
YIQ	97.1540, -32.1880, 10.6600

# Conversions

## Conversions Part 2

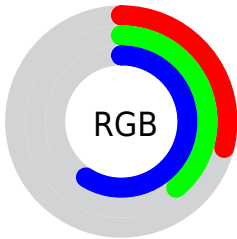
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 93, 151
Decimal	4809623
CIE <sub>Lab</sub>	42.12, 5.76, -31.42
CIE <sub>LCh</sub>	42, 31.941, 280.391
Yxy	12.5745, 0.2269, 0.2229
Android (android.graphics.Color)	4282999703 (0xFF496397)
<b>YUV</b>	97.1540, 26.5461, -21.1831
Hunter-Lab	35.4606, 2.3530, -27.0612

# Details

The Android color `4282999703` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288118089`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4286486222`, and `4279121252` is the 20% darker color. If you saturate the color by 10%, you get `4282014103`, and if you desaturate by 10%, it is `4283985303`.

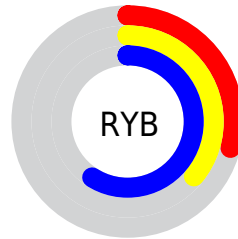
# Distribution



Red (29%)

Green (39%)

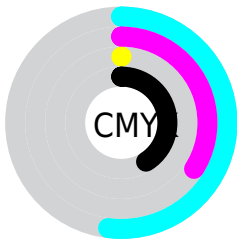
Blue (59%)



Red (29%)

Yellow (36%)

Blue (59%)

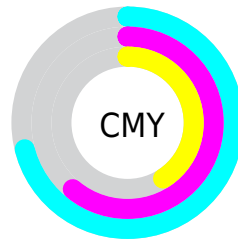


Cyan (52%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (71%)

Magenta (61%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282999703 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 4282999703 by changing the saturation by 10% instead.



■ 4282999703

■ 4282999703

4294967295

■ 4281224061

■ 4286486222

■ 4279121252

■ 4288262378

■ 4278198348

■ 4290104319

■ 4278191925

■ 4292012287

■ 4278190623

■ 4293853183

■ 4278190081

■ 4278190080

■ 4282999703

■ 4282999703

■ 4282014103

■ 4283985303

■ 4281028503

■ 4284970903

■ 4280042903

■ 4285956503

■ 4279057303

■ 4286942103

■ 4278203031

■ 4287927703

■ 4288978839

■ 4289964439

■ 4290950295

■ 4291935895

# Harmonies

## Analogous

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



4278217621



4282999703



4285684108

# Triad

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



4282999703



4287714115



4280905809

# Complementary

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



4282999703



4288118089

# 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.



4283329594



4282999703



4286733362

# Square

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



4282999703



4287975003



4285228334



4278219116

# Rectangle

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



4282999703



4286862206



4285228334



4281823048



# Sweetspot

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



4282999703



4289180100



4283012989



4283586659



4293125091



4284703587



# Same Dimension

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



4282999703



4283134916



4283845015



4282730317



4278202252



4278191117



# Inverse Universe

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



4288104803



4291054451



4287272777



4283254087



4287365167



4279042052



# Previews

## White Background



This preview shows how the Android color 4282999703 looks on a white background.

## Color Contrast Check

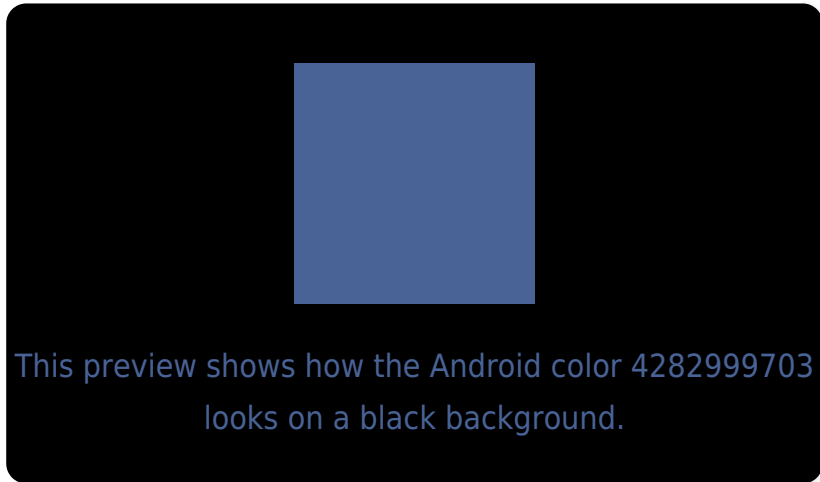
Large Text (above 18pt) WCAG AA ✓ Pass

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

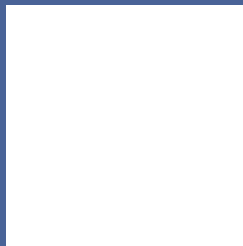
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282999703 Background



This preview shows how black text looks on a background with the Android color 4282999703.



This preview shows how white text looks on a background with the Android color 4282999703.

# 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**  
4282999703

**Protanopia**  
4283523478

**Deuteranopia**  
4283065239



# Trichromacy



**Original Color**  
4282999703

**Protanomaly**  
4283327126

**Deuteranomaly**  
4283065239

**Tritanomaly**  
4282476416

# Monochromacy



**Original Color**  
4282999703

**Achromatopsia**  
4284572001

**Achromatomaly**  
4283982453

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282999703 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(73, 99, 151)` looks like.

```
.text, #text, p{  
    color:rgb(73, 99, 151)  
}
```

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(73, 99, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 99, 151) }
```

## Border

The CSS property to change the border of an element to Android 4282999703 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(73, 99, 151) }
```

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

```
.border{ border-color:rgb(73, 99, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 99, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 99, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 99, 151);  
box-shadow:4px 4px 4px 4px rgb(73, 99,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4282999703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 99, 151) }
```

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

```
.background{ background-color: rgb(73, 99,  
151) }
```

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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