

# Converting Colors

Android(4282744701)

Have a look what the booklet for  
Android(4282744701) contains.

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# Color

**Android(4282744701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	457F7D
RGB	69, 127, 125
RGB Percent	27%, 50%, 49%
CMY	0.7294, 0.5020, 0.5098
CMYK	0.46, 0.00, 0.02, 0.50
HSL	178°, 30%, 38%
HSV	178°, 46%, 50%
XYZ	13.7453, 17.9246, 22.1374
YIQ	109.4300, -33.9260, -12.9180

# Conversions

## Conversions Part 2

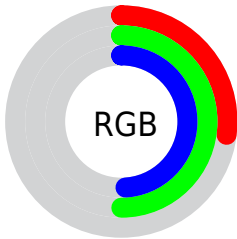
Format	Color
R <sub>YB</sub>	69, 99, 127
Decimal	4554621
CIE <sub>Lab</sub>	49.40, -19.47, -4.84
CIE <sub>LCh</sub>	49, 20.061, 193.951
Y <sub>xy</sub>	17.9246, 0.2555, 0.3331
Android (android.graphics.Color)	4282744701 (0xFF457F7D)
YUV	109.4300, 7.6760, -35.4571
Hunter-Lab	42.3375, -16.1388, -1.3653

# Details

The Android color `4282744701` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286530887`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286166194`, and `4278996556` is the 20% darker color. If you saturate the color by 10%, you get `4281892733`, and if you desaturate by 10%, it is `4283596669`.

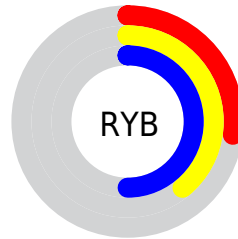
# Distribution



Red (27%)

Green (50%)

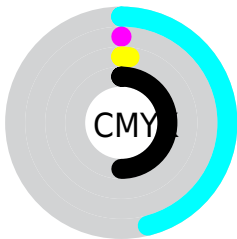
Blue (49%)



Red (27%)

Yellow (39%)

Blue (50%)

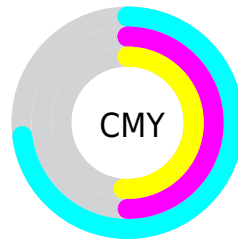


Cyan (46%)

Magenta (0%)

Yellow (2%)

Black (50%)



Cyan (73%)

Magenta (50%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282744701 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 4282744701 by changing the saturation by 10% instead.





4282744701



4282744701

4294967295



4281034340



4286166194



4278996556



4287942861



4278204214



4289785065



4278198560



4291624959



4278190089



4293459967



4278190080



4282744701



4282744701



4281892733



4283596669



4281106300



4284383102

■ 4280254332

■ 4285235070

■ 4279402363

■ 4286087039

■ 4278550395

■ 4286873471

■ 4278222715

■ 4287725440

■ 4288577408

■ 4289429377

■ 4290215809

# Harmonies

## Analogous

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



4283661931



4282744701



4282678668

# Triad

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



4282744701



4286738062



4287263061

# Complementary

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



4282744701



4286530887

# 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.



4287982687



4282744701



4287785599

# Square

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



4282744701



4285297814



4288178542



4286216020

# Rectangle

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



4282744701



4283267987



4288178542



4287524695



# Sweetspot

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



4282744701



4287604389



4282941253



4282799188



4292138196



4283716692



# Same Dimension

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



4282744701



4283147939



4282738047



4281942080



4278222971



4278190080



# Inverse Universe

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



4286530887



4289088334



4286537541



4282399034



4286578692

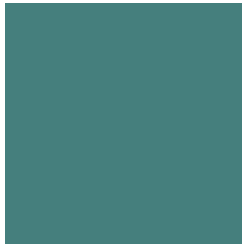


4278190080



# Previews

## White Background



This preview shows how the Android color 4282744701 looks on a white background.

## Color Contrast Check

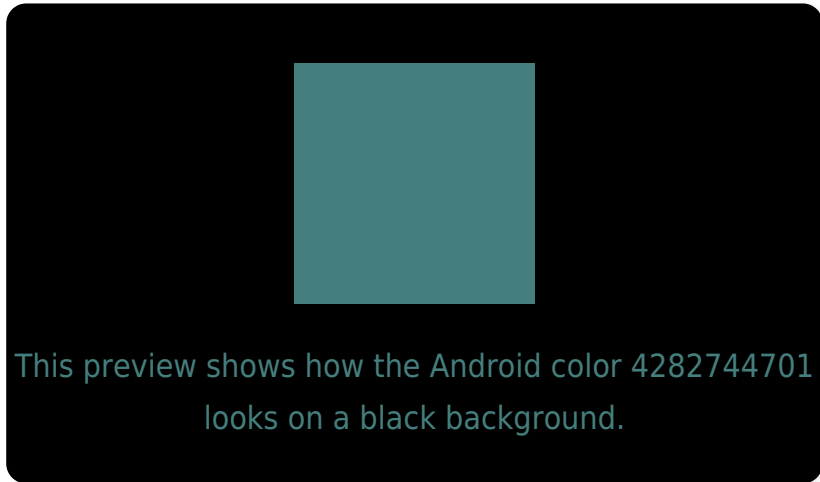
Large Text (above 18pt) WCAG AA ✓ Pass

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

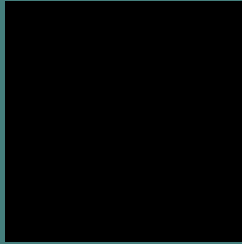
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4282744701 Background



This preview shows how black text looks on a background with the Android color 4282744701.



This preview shows how white text looks on a background with the Android color 4282744701.

# 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**  
4282744701

**Protanopia**  
4285953143

**Deuteranopia**  
4286280320



# Trichromacy



**Original Color**  
4282744701

**Protanomaly**  
4284774521

**Deuteranomaly**  
4284970879

**Tritanomaly**  
4282875524

# Monochromacy



**Original Color**  
4282744701

**Achromatopsia**  
4285361517

**Achromatomaly**  
4284380275

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282744701 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(69, 127, 125)` looks like.

```
.text, #text, p{  
    color:rgb(69, 127, 125)  
}
```

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(69, 127, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 127, 125) }
```

## Border

The CSS property to change the border of an element to Android 4282744701 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(69, 127, 125) }
```

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

```
.border{ border-color:rgb(69, 127, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 127, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 127, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 127, 125);  
box-shadow:4px 4px 4px 4px rgb(69, 127,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4282744701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 127, 125) }
```

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

```
.background{ background-color: rgb(69, 127,  
125) }
```

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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