

# Converting Colors

Android(4282736747)

Have a look what the booklet for  
Android(4282736747) contains.

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# Color

**Android(4282736747)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45606B
RGB	69, 96, 107
RGB Percent	27%, 38%, 42%
CMY	0.7294, 0.6235, 0.5804
CMYK	0.36, 0.10, 0.00, 0.58
HSL	197°, 22%, 35%
HSV	197°, 36%, 42%
XYZ	9.2910, 10.6925, 15.4841
YIQ	89.1810, -19.6230, -2.3030

# Conversions

## Conversions Part 2

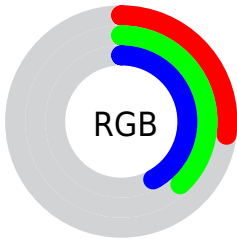
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 85, 107
Decimal	4546667
CIE <sub>Lab</sub>	39.06, -6.99, -9.47
CIE <sub>LCh</sub>	39, 11.768, 233.554
Yxy	10.6925, 0.2620, 0.3015
Android (android.graphics.Color)	4282736747 (0xFF45606B)
YUV	89.1810, 8.7848, -17.6987
Hunter-Lab	32.6994, -6.5062, -5.1860

# Details

The Android color `4282736747` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285222981`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4286026654`, and `4279644732` is the 20% darker color. If you saturate the color by 10%, you get `4282015083`, and if you desaturate by 10%, it is `4283458411`.

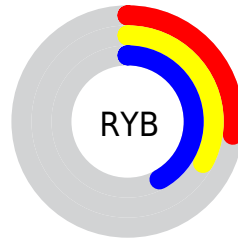
# Distribution



Red (27%)

Green (38%)

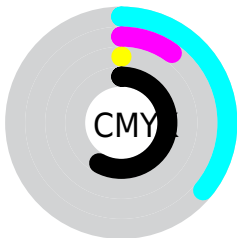
Blue (42%)



Red (27%)

Yellow (33%)

Blue (42%)

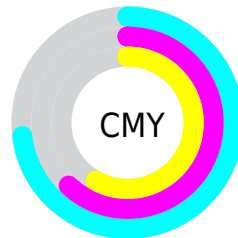


Cyan (36%)

Magenta (10%)

Yellow (0%)

Black (58%)



Cyan (73%)

Magenta (62%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282736747 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 4282736747 by changing the saturation by 10% instead.





4282736747



4282736747

4294967295



4281157715



4286026654



4279644732



4287737273



4278197542



4289513685



4278190353



4291290353



4278190080



4293132287



4282736747



4282736747



4282015083



4283458411



4281358955



4284114539

■ 4280637291

■ 4284836203

■ 4279915627

■ 4285557867

■ 4279193963

■ 4286279531

■ 4278537579

■ 4286935915

■ 4278209643

■ 4287657579

■ 4288379243

■ 4289035371

# Harmonies

## Analogous

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



4282540387



4282736747



4283391343

# Triad

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



4282736747



4285420894



4284177994

# Complementary

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



4282736747



4285222981

# 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.



4284832585



4282736747



4285552213

# Square

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



4282736747



4284897127



4285356109



4283457616

# Rectangle

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



4282736747



4283915118



4285356109



4284439881



# Sweetspot

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



4282736747



4286417036



4282739536



4282271047



4291282887



4282861383



# Same Dimension

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



4282736747



4283464588



4282731883



4281349174



4278211445



4278234869



# Inverse Universe

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



4285220192



4287385723



4285227845



4281741364



4285857875



4294246574



# Previews

## White Background



This preview shows how the Android color 4282736747 looks on a white background.

### Color Contrast Check

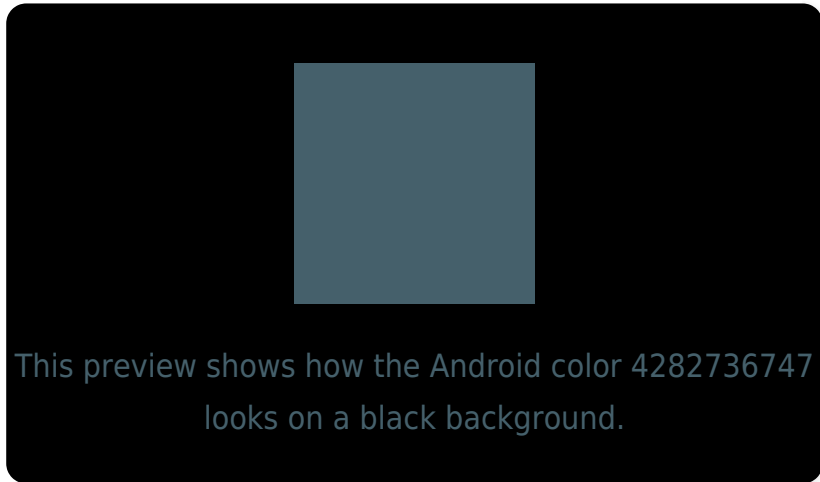
Large Text (above 18pt) WCAG AA ✓ Pass

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

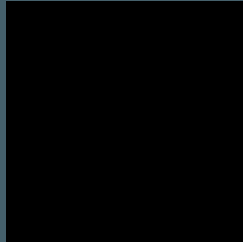
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

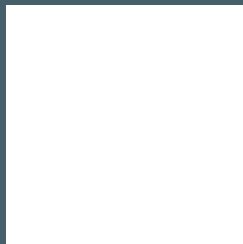
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282736747 Background



This preview shows how black text looks on a background with the Android color 4282736747.



This preview shows how white text looks on a background with the Android color 4282736747.

# 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**

4282736747

**Protanopia**

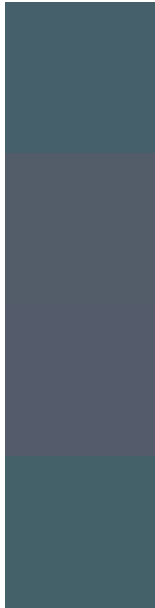
4284111720

**Deuteranopia**

4284308076



# Trichromacy



**Original Color**

4282736747

**Protanomaly**

4283587945

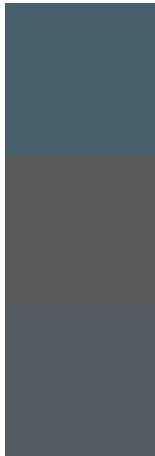
**Deuteranomaly**

4283718764

**Tritanomaly**

4282671209

# Monochromacy



**Original Color**

4282736747

**Achromatopsia**

4284045657

**Achromatomaly**

4283587680

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282736747 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, 96, 107)` looks like.

```
.text, #text, p{  
    color:rgb(69, 96, 107)  
}
```

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, 96, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 96, 107) }
```

## Border

The CSS property to change the border of an element to Android 4282736747 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, 96, 107) }
```

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

```
.border{ border-color:rgb(69, 96, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 96, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(69, 96, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(69, 96, 107); box-shadow:4px 4px 4px 4px rgb(69, 96, 107) }
```

# Background

The CSS property to change the background color of an element to Android 4282736747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 96, 107) }
```

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

```
.background{ background-color: rgb(69, 96,  
107) }
```

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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