

# Converting Colors

Android(4281745742)

Have a look what the booklet for  
Android(4281745742) contains.

<b>Android(4281745742)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4281745742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36414E
RGB	54, 65, 78
RGB Percent	21%, 25%, 31%
CMY	0.7882, 0.7451, 0.6941
CMYK	0.31, 0.17, 0.00, 0.69
HSL	213°, 18%, 26%
HSV	213°, 31%, 31%
XYZ	4.7868, 5.1149, 7.9427
YIQ	63.1930, -10.7290, 1.7110

# Conversions

## Conversions Part 2

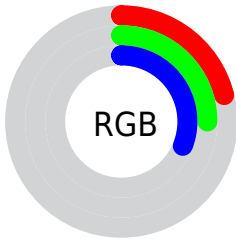
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 62, 78
Decimal	3555662
CIE <sub>Lab</sub>	27.06, -0.96, -9.33
CIE <sub>LCh</sub>	27, 9.375, 264.141
Yxy	5.1149, 0.2683, 0.2866
Android (android.graphics.Color)	4281745742 (0xFF36414E)
YUV	63.1930, 7.2999, -8.0623
Hunter-Lab	22.6162, -1.7984, -4.9911

# Details

The Android color **4281745742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4283319094**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4284838271**, and **4278916898** is the 20% darker color. If you saturate the color by 10%, you get **4281220430**, and if you desaturate by 10%, it is **4282271054**.

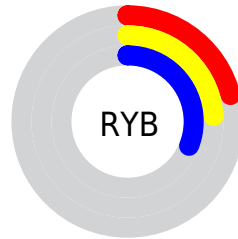
# Distribution



 Red (21%)

 Green (25%)

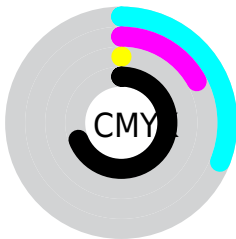
 Blue (31%)



 Red (21%)

 Yellow (24%)

 Blue (31%)

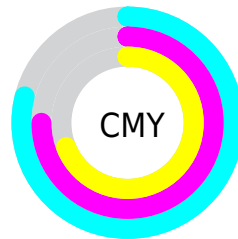


 Cyan (31%)

 Magenta (17%)

 Yellow (0%)

 Black (69%)



 Cyan (79%)

 Magenta (75%)

 Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281745742 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 4281745742 by changing the saturation by 10% instead.





4281745742



4281745742

4294967295



4280298295



4284838271



4278916898



4286548633



4278190090



4288259252



4278190080



4289970383



4291812332



4293654783



4281745742



4281745742



4281220430



4282271054

■ 4280695118

■ 4282796366

■ 4280235086

■ 4283256398

■ 4279709774

■ 4283781710

■ 4279184462

■ 4284307022

■ 4278659150

■ 4284832334

■ 4278199374

■ 4285357902

■ 4285817678

■ 4286342990

# Harmonies

## Analogous

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



4281287499



4281745742



4282335053

# Triad

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



4281745742



4283382586



4281811767

# Complementary

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



4281745742



4283319094

# 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.



4282335539



4281745742



4283186485

# Square

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



4281745742



4283251522



4282859314



4281353278

# Rectangle

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



4281745742



4282727754



4282859314



4282008374



# Sweetspot

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



4281745742



4284309862



4281749059



4281151539



4289967027



4281545523



# Same Dimension

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



4281745742



4282405478



4281808462



4280427558



4278202214



4278217190



# Inverse Universe

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



4283315777



4284891218



4283256374



4280689188



4284874799

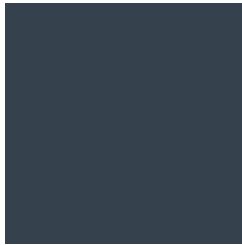


4293263465



# Previews

## White Background



This preview shows how the Android color 4281745742 looks on a white background.

## Color Contrast Check

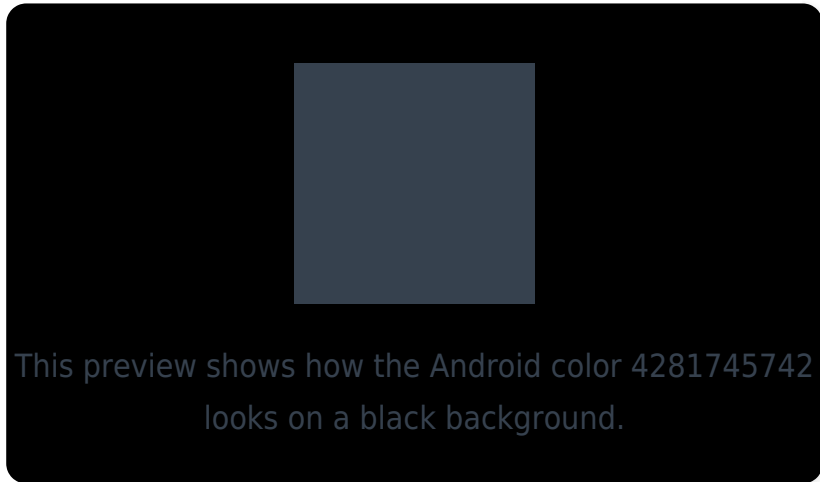
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

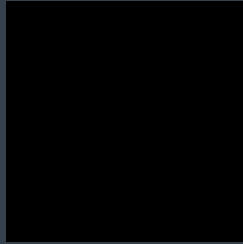
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

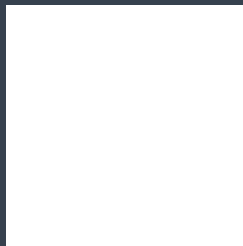
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281745742 Background



This preview shows how black text looks on a background with the Android color 4281745742.

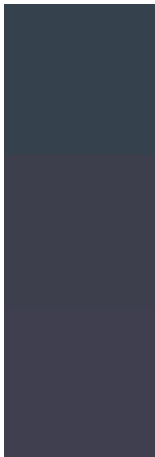


This preview shows how white text looks on a background with the Android color 4281745742.

# 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



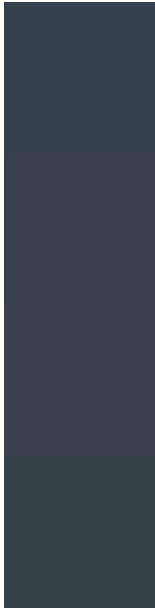
**Original Color**  
4281745742

**Protanopia**  
4282203981

**Deuteranopia**  
4282335055



# Trichromacy



**Original Color**

4281745742

**Protanomaly**

4282007629

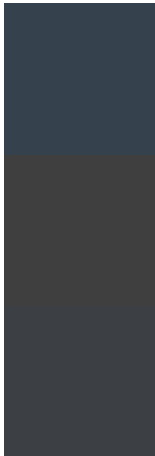
**Deuteranomaly**

4282138703

**Tritanomaly**

4281680458

# Monochromacy



**Original Color**

4281745742

**Achromatopsia**

4282335039

**Achromatomaly**

4282138692

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281745742 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(54, 65, 78) looks like.

```
.text, #text, p{  
    color:rgb(54, 65, 78)  
}
```

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(54, 65, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 65, 78) }
```

## Border

The CSS property to change the border of an element to Android 4281745742 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(54, 65, 78) }
```

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

```
.border{ border-color:rgb(54, 65, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 65, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 65, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 65, 78);  
box-shadow:4px 4px 4px 4px rgb(54, 65, 78)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281745742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 65, 78) }
```

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

```
.background{ background-color: rgb(54, 65,  
78) }
```

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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