

# Converting Colors

Android(4282466695)

Have a look what the booklet for  
Android(4282466695) contains.

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# Color

**Android(4282466695)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	414187
RGB	65, 65, 135
RGB Percent	25%, 25%, 53%
CMY	0.7451, 0.7451, 0.4706
CMYK	0.52, 0.52, 0.00, 0.47
HSL	240°, 35%, 39%
HSV	240°, 52%, 53%
XYZ	8.4434, 6.6537, 23.7609
YIQ	72.9800, -22.4700, 21.7700

# Conversions

## Conversions Part 2

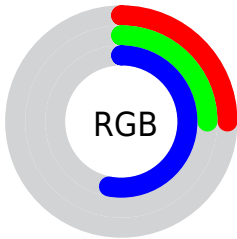
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 65, 135
Decimal	4276615
CIE <sub>Lab</sub>	31.01, 20.49, -39.37
CIE <sub>LCh</sub>	31, 44.381, 297.497
Yxy	6.6537, 0.2173, 0.1712
Android (android.graphics.Color)	4282466695 (0xFF414187)
YUV	72.9800, 30.5759, -6.9985
Hunter-Lab	25.7947, 13.2880, -36.5590

# Details

The Android color **4282466695** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4287072065**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4285952445**, and **4278392661** is the 20% darker color. If you saturate the color by 10%, you get **4281545607**, and if you desaturate by 10%, it is **4283321991**.

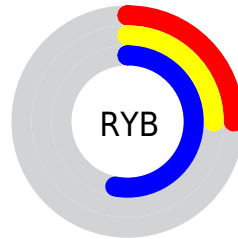
# Distribution



Red (25%)

Green (25%)

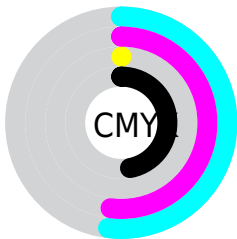
Blue (53%)



Red (25%)

Yellow (25%)

Blue (53%)

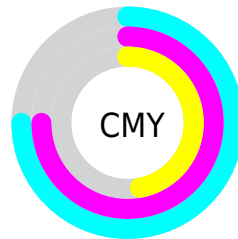


Cyan (52%)

Magenta (52%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (75%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282466695 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 4282466695 by changing the saturation by 10% instead.





4282466695



4282466695

4294967295



4280691565



4285952445



4278392661



4287728345



4278190141



4289504757



4278190886



4291412223



4278190351



4293254399



4278190080



4294965503



4282466695



4282466695



4281545607



4283321991

■ 4280690311

■ 4284243079

■ 4279769223

■ 4285164167

■ 4278913927

■ 4286019463

■ 4278190215

■ 4286874759

■ 4287795847

■ 4288651143

■ 4289572231

■ 4290493319

# Harmonies

## Analogous

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



4278210191



4282466695



4285476975

# Triad

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



428246695



4285872139



4278212677

# Complementary

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



4282466695



4287072065

# 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.



4278212129



4282466695



4284171776

# Square

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



4282466695



4286851115



4282011648



4278212712

# Rectangle

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



4282466695



4286522969



4282011648



4278212665



# Sweetspot

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



4282466695



4287927472



4282484615



4282927193



4292467161



4284045657



# Same Dimension

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



4282466695



4282598320



4284760455



4282137666



4278190210



4278190083



# Inverse Universe

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



4287054215



4289741744



4284778305



4282530882



4286709890



4278386691



# Previews

## White Background



This preview shows how the Android color 4282466695 looks on a white background.

## Color Contrast Check

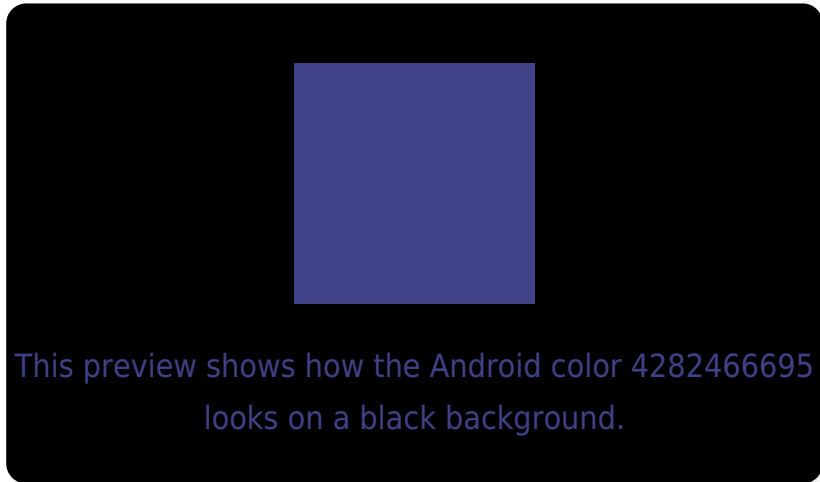
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282466695 Background



This preview shows how black text looks on a background with the Android color 4282466695.



This preview shows how white text looks on a background with the Android color 4282466695.

# 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**

4282466695

**Protanopia**

4280305549

**Deuteranopia**

4278209156



# Trichromacy



**Original Color**  
4282466695

**Protanomaly**  
4281091467

**Deuteranomaly**  
4279781253

**Tritanomaly**  
4281747815

# Monochromacy



**Original Color**  
4282466695

**Achromatopsia**  
4282992969

**Achromatomaly**  
4282795616

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282466695 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(65, 65, 135)` looks like.

```
.text, #text, p{  
    color:rgb(65, 65, 135)  
}
```

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(65, 65, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 65, 135) }
```

## Border

The CSS property to change the border of an element to Android 4282466695 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(65, 65, 135) }
```

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

```
.border{ border-color:rgb(65, 65, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 65, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 65, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 65, 135);  
box-shadow:4px 4px 4px 4px rgb(65, 65,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4282466695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 65, 135) }
```

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

```
.background{ background-color: rgb(65, 65,  
135) }
```

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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