

# Converting Colors

Android(4282392428)

Have a look what the booklet for  
Android(4282392428) contains.

<b>Android(4282392428)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Android(4282392428)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	401F6C
RGB	64, 31, 108
RGB Percent	25%, 12%, 42%
CMY	0.7490, 0.8784, 0.5765
CMYK	0.41, 0.71, 0.00, 0.58
HSL	266°, 55%, 27%
HSV	266°, 71%, 42%
XYZ	5.3111, 3.1527, 14.5160
YIQ	49.6450, -5.0490, 30.9430

# Conversions

## Conversions Part 2

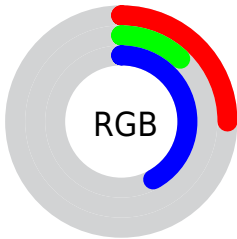
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	64, 31, 108
Decimal	4202348
CIE <sub>Lab</sub>	20.65, 33.20, -38.99
CIE <sub>LCh</sub>	21, 51.210, 310.416
Yxy	3.1527, 0.2311, 0.1372
Android (android.graphics.Color)	4282392428 (0xFF401F6C)
YUV	49.6450, 28.7690, 12.5893
Hunter-Lab	17.7558, 22.3204, -36.0426

# Details

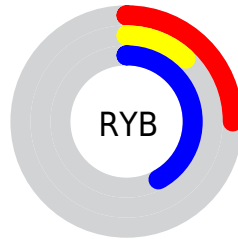
The Android color **4282392428** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4283132959**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4285812384**, and **4279435324** is the 20% darker color. If you saturate the color by 10%, you get **4281996396**, and if you desaturate by 10%, it is **4282788460**.

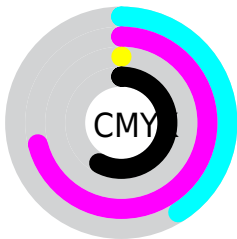
# Distribution



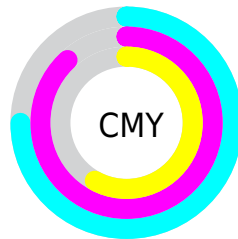
- Red (25%)
- Green (12%)
- Blue (42%)



- Red (25%)
- Yellow (12%)
- Blue (42%)



- Cyan (41%)
- Magenta (71%)
- Yellow (0%)
- Black (58%)



- Cyan (75%)
- Magenta (88%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282392428 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 4282392428 by changing the saturation by 10% instead.



4282392428

4282392428

4294967295

4280682579

4285812384

4279435324

4287522491

4278190629

4289364183

4278190349

4291205876

4278190080

4293047807

4294955519

4294962943

4282392428

4282392428

■ 4281996396

■ 4282788460

■ 4281600364

■ 4283184492

■ 4281204844

■ 4283645804

■ 4284041836

■ 4284437868

■ 4284833900

■ 4285229932

■ 4285625708

■ 4286087276

# Harmonies

## Analogous

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



4278203261



4282392428



4284874828

# Triad

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



4282392428



4283573760



4278206782

# Complementary

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



4282392428



4283132959

# 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.



4278206230



4282392428



4281545728

# Square

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



4282392428



4285008384



4278205440



4278206562

# Rectangle

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



4282392428



4285464627



4278205440



4278206513



# Sweetspot

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



4282392428



4286279564



4280241260



4282201671



4291282887



4282861383



# Same Dimension

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



4282392428



4282848396



4284882796



4281479222



4281466997



4285071605



# Inverse Universe

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



4285275979



4287370329



4280642591



4281741363



4285857859

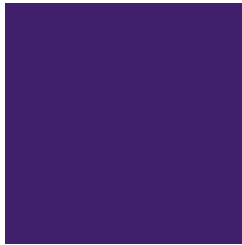


4294246540



# Previews

## White Background



This preview shows how the Android color 4282392428 looks on a white background.

## Color Contrast Check

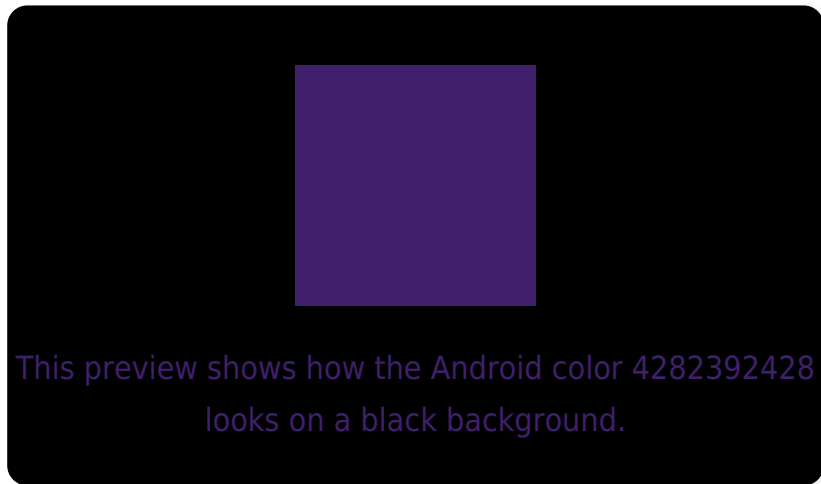
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282392428 Background



This preview shows how black text looks on a background with the Android color 4282392428.



This preview shows how white text looks on a background with the Android color 4282392428.

# 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**

4282392428

**Protanopia**

4278202727

**Tritanopia**

4281610806

# Trichromacy

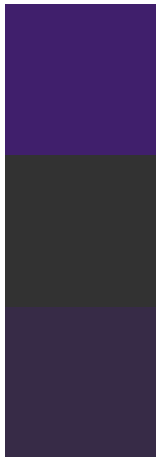


**Original Color**  
4282392428

**Protanomaly**  
4279708265

**Tritanomaly**  
4281871178

# Monochromacy



**Original Color**  
4282392428

**Achromatopsia**  
4281479730

**Achromatomaly**  
4281805639

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282392428 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(64, 31, 108)` looks like.

```
.text, #text, p{  
    color:rgb(64, 31, 108)  
}
```

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(64, 31, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 31, 108) }
```

## Border

The CSS property to change the border of an element to Android 4282392428 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(64, 31, 108) }
```

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

```
.border{ border-color:rgb(64, 31, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 31, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 31, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 31, 108);  
box-shadow:4px 4px 4px 4px rgb(64, 31,  
108) }
```

# Background

The CSS property to change the background color of an element to Android 4282392428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 31, 108) }
```

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

```
.background{ background-color: rgb(64, 31,  
108) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**



**Follow me  
on Twitter!**

@ConvertingColor