

# Converting Colors

Android(4282323021)

Have a look what the booklet for  
Android(4282323021) contains.

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# Color

**Android(4282323021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F104D
RGB	63, 16, 77
RGB Percent	25%, 6%, 30%
CMY	0.7529, 0.9373, 0.6980
CMYK	0.18, 0.79, 0.00, 0.70
HSL	286°, 66%, 18%
HSV	286°, 79%, 30%
XYZ	3.5747, 1.9632, 7.2117
YIQ	37.0070, 8.4310, 28.9350

# Conversions

## Conversions Part 2

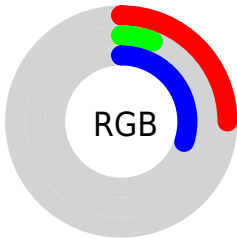
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 16, 77
Decimal	4132941
CIELab	15.29, 32.64, -26.97
CIELCh	15, 42.339, 320.436
Yxy	1.9632, 0.2804, 0.1540
Android (android.graphics.Color)	4282323021 (0xFF3F104D)
YUV	37.0070, 19.7165, 22.7959
Hunter-Lab	14.0113, 21.0215, -20.7090

# Details

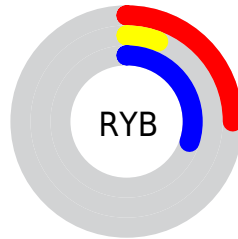
The Android color **4282323021** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4280175888**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4285612158**, and **4278845472** is the 20% darker color. If you saturate the color by 10%, you get **4282189901**, and if you desaturate by 10%, it is **4282456141**.

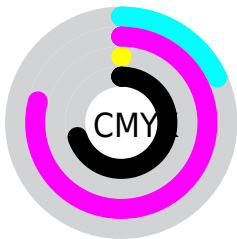
# Distribution



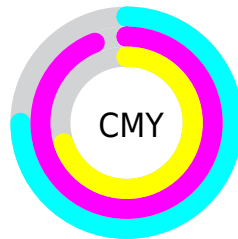
- Red (25%)
- Green (6%)
- Blue (30%)



- Red (25%)
- Yellow (6%)
- Blue (30%)



- Cyan (18%)
- Magenta (79%)
- Yellow (0%)
- Black (70%)



- Cyan (75%)
- Magenta (94%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282323021 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 4282323021 by changing the saturation by 10% instead.



 4282323021

 4282323021

 4294966015

 4280811574

 4285612158

 4278845472

 4287322265

 4278190084

 4289098164

 4278190080

 4290939855

 4292781804

 4294689279

 4294958591

 4282323021

 4282323021

■ 4282189901

■ 4282456141

■ 4282057037

■ 4282589005

■ 4282056781

■ 4282656589

■ 4282789709

■ 4282922829

■ 4283055693

■ 4283123277

■ 4283256397

■ 4283389261

# Harmonies

## Analogous

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



4278199135



4282323021



4283760689

# Triad

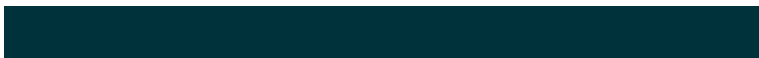
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4282323021



4281934336



4278202939

# Complementary

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



4282323021



4280175888

# 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.



4278202907



4282323021



4280101632

# Square

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



4282323021



4283240704



4278202112



4278202709

# Rectangle

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



4282323021



4283957277



4278202112



4278202928



# Sweetspot

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



4282323021



4284370019



4279246413



4281345075



4289967027



4281545523



# Same Dimension

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



4282323021



4283303267



4283240509



4280623654



4283367526



4289790182



# Inverse Universe

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



4283240478



4284679451



4279258400



4280689187



4284874775

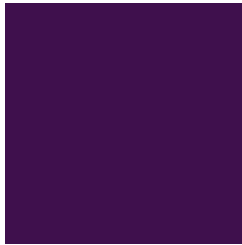


4293263413



# Previews

## White Background



This preview shows how the Android color 4282323021 looks on a white background.

## Color Contrast Check

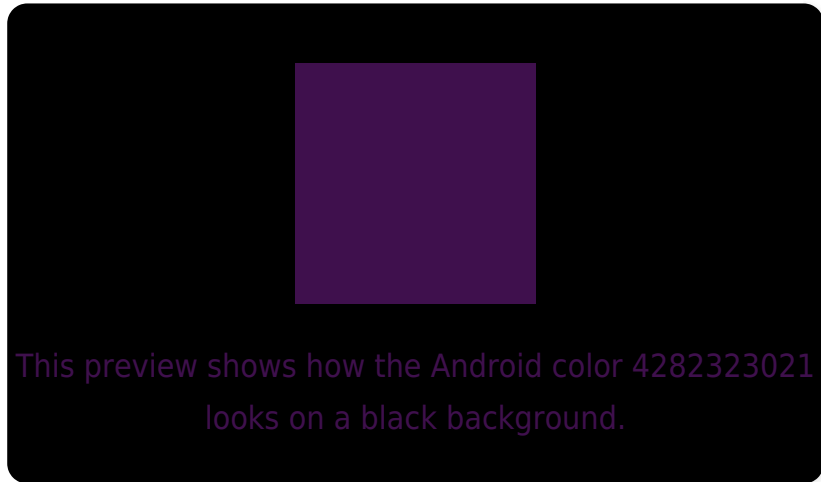
Large Text (above 18pt) WCAG AA ✓ Pass

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

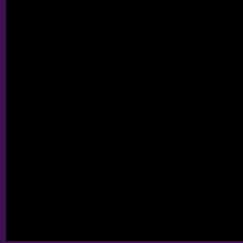
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4282323021 Background



This preview shows how black text looks on a background with the Android color 4282323021.



This preview shows how white text looks on a background with the Android color 4282323021.

# 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**

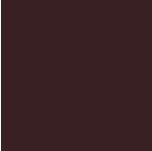
4282323021

**Protanopia**

4278200146

**Deuteranopia**

4278200648



**Tritanopia**  
4281934115

# Trichromacy



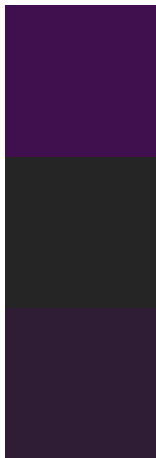
**Original Color**  
4282323021

**Protanomaly**  
4279705424

**Deuteranomaly**  
4279705674

**Tritanomaly**  
4282063666

# Monochromacy



**Original Color**  
4282323021

**Achromatopsia**  
4280624421

**Achromatomaly**  
4281212212

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282323021 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(63, 16, 77)` looks like.

```
.text, #text, p{  
    color:rgb(63, 16, 77)  
}
```

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(63, 16, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 16, 77) }
```

## Border

The CSS property to change the border of an element to Android 4282323021 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(63, 16, 77) }
```

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

```
.border{ border-color:rgb(63, 16, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 16, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 16, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 16, 77);  
box-shadow:4px 4px 4px 4px rgb(63, 16, 77)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282323021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 16, 77) }
```

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

```
.background{ background-color: rgb(63, 16,  
77) }
```

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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