

Converting Colors

Android(4278190701)

Have a look what the booklet for
Android(4278190701) contains.

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Color

Android(4278190701)

Conversions

Conversions Part 1

Format	Color
Hex	00026D
RGB	0, 2, 109
RGB Percent	0%, 1%, 43%
CMY	1.0000, 0.9922, 0.5725
CMYK	1.00, 0.98, 0.00, 0.57
HSL	239°, 100%, 21%
HSV	239°, 100%, 43%
XYZ	2.7820, 1.1475, 14.5429
YIQ	13.6000, -35.5390, 32.8530

Conversions

Conversions Part 2

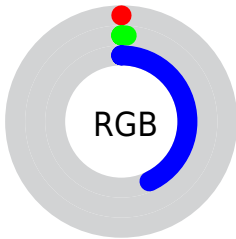
Format	Color
RYB	0, 2, 109
Decimal	621
CIELab	10.16, 41.31, -57.12
CIElCh	10, 70.496, 305.876
Yxy	1.1475, 0.1506, 0.0621
Android (android.graphics.Color)	4278190701 (0xFF00026D)
YUV	13.6000, 47.0322, -11.9272
Hunter-Lab	10.7123, 27.6103, -72.9923

Details

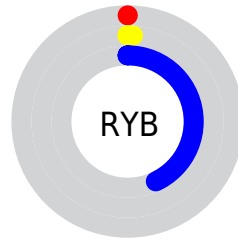
The Android color **4278190701** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285360896**, and the grayscale version is **4279045389**.

A 20% lighter version of the original color is **4283183522**, and **4278191676** is the 20% darker color. If you saturate the color by 10%, you get **4278190701**, and if you desaturate by 10%, it is **4278914413**.

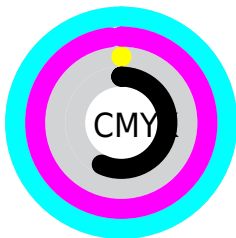
Distribution



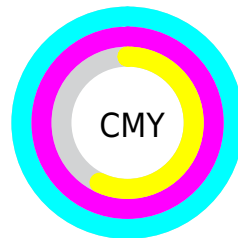
- Red (0%)
- Green (1%)
- Blue (43%)



- Red (0%)
- Yellow (1%)
- Blue (43%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (99%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190701 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 4278190701 by changing the saturation by 10% instead.

 4278190701

 4278190701

 4294961407

 4278190164

 4283183522

 4278191676

 4285024701

 4278190629

 4286865882

 4278190349

 4288773111

 4278190080

 4290614783

 4292587775

 4294495487

 4278190701

■ 4278914413

■ 4279637869

■ 4280361581

■ 4281085293

■ 4281808749

■ 4282466925

■ 4283190637

■ 4283914349

■ 4284637805

Harmonies

Analogous

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



4278199425



4278190701



4283760708

Triad

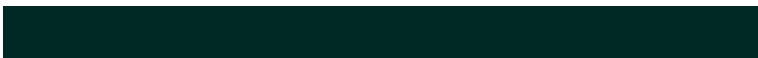
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278190701



4282450432



4278200613

Complementary

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



4278190701



4285360896

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.



4278200320



4278190701



4280032768

Square

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



4278190701



4284088320



4278200320



4278201429

Rectangle

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



4278190701



4284678181



4278200320



4278200596

Sweetspot

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



4278190701



4284769679



4278218089



4281216583



4291282887



4282861383

Same Dimension

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



4278190701



4278190991



4281532525



4281348150



4278190709



4278191349

Inverse Universe

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



4285333506



4287561731



4282019072



4281741360



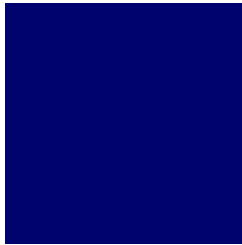
4285857794



4294246404

Previews

White Background



This preview shows how the Android color 4278190701 looks on a white background.

Color Contrast Check

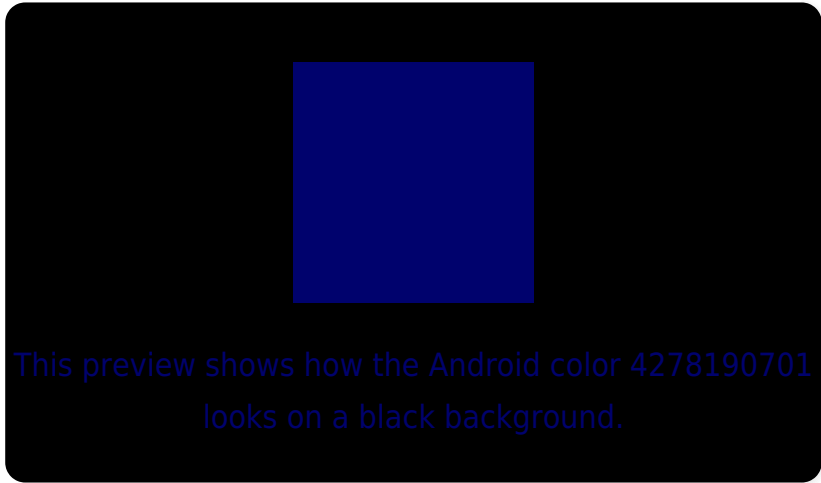
Large Text (above 18pt) WCAG AA ✓ Pass

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

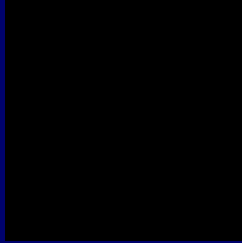
Any Text WCAG AA × Fail

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 4278190701 Background



This preview shows how black text looks on a background with the Android color 4278190701.



This preview shows how white text looks on a background with the Android color 4278190701.

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
4278190701

Protanopia
4278198339

Deuteranopia
4278198841

Trichromacy



Original Color
4278190701

Protanomaly
4278195538

Deuteranomaly
4278195788

Tritanomaly
4278196288

Monochromacy



Original Color
4278190701

Achromatopsia
4279111182

Achromatomaly
4278782513

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190701 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(0, 2, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 2, 109)  
}
```

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(0, 2, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 2, 109) }
```

Border

The CSS property to change the border of an element to Android 4278190701 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(0, 2, 109) }
```

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

```
.border{ border-color:rgb(0, 2, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 2, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 2, 109); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 2, 109); box-shadow:4px  
4px 4px 4px rgb(0, 2, 109) }
```

Background

The CSS property to change the background color of an element to Android 4278190701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 2, 109) }
```

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

```
.background{ background-color: rgb(0, 2,  
109) }
```

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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