

Converting Colors

Android(4278190234)

Have a look what the booklet for
Android(4278190234) contains.

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Color

Android(4278190234)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 00009A |
| RGB | 0, 0, 154 |
| RGB Percent | 0%, 0%, 60% |
| CMY | 1.0000, 1.0000, 0.3961 |
| CMYK | 1.00, 1.00, 0.00, 0.40 |
| HSL | 240°, 100%, 30% |
| HSV | 240°, 100%, 60% |
| XYZ | 5.8327, 2.3331, 30.7148 |
| YIQ | 17.5560, -49.4340, 47.8940 |

Conversions

Conversions Part 2

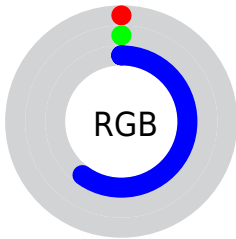
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 0, 154 |
| Decimal | 154 |
| CIELab | 17.15, 54.35, -74.02 |
| CIELCh | 17, 91.827, 306.287 |
| Yxy | 2.3331, 0.1500, 0.0600 |
| Android (android.graphics.Color) | 4278190234 (0xFF00009A) |
| YUV | 17.5560, 67.2669, -15.3966 |
| Hunter-Lab | 15.2745, 41.4320, -108.5315 |

Details

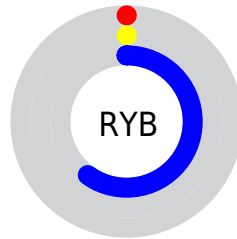
The Android color **4278190234** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4288322048**, and the grayscale version is **4279308561**.

A 20% lighter version of the original color is **4284168146**, and **4278190181** is the 20% darker color. If you saturate the color by 10%, you get **4278190234**, and if you desaturate by 10%, it is **4279177114**.

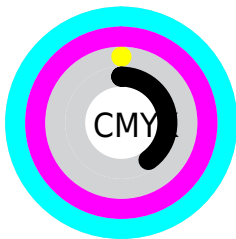
Distribution



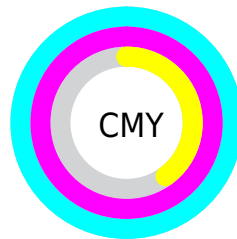
- Red (0%)
- Green (0%)
- Blue (60%)



- Red (0%)
- Yellow (0%)
- Blue (60%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278190234 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 4278190234 by changing the saturation by 10% instead.

 4278190234

 4278190234

 4294964479

 4278190207

 4284168146

 4278190181

 4286206191

 4278192460

 4288178943

 4278191156

 4290151679

 4278190622

 4292124671

 4278190080

 4294163199

 4294957055

 4278190234

■ 4279177114

■ 4280229786

■ 4281216666

■ 4282269338

■ 4283256218

■ 4284243098

■ 4285295770

■ 4286282650

■ 4287335322

Harmonies

Analogous

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



4278203830



4278190234



4286185569

Triad

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



4278190234



4284220160



4278205496

Complementary

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



4278190234



4288322048

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.



4278205184



4278190234



4280888576

Square

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



4278190234



4286578688



4278204416



4278206586

Rectangle

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



4278190234



4287430710



4278204416



4278205472

Sweetspot

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



4278190234



4287466953



4278229658



4282466662



4293322470



4284900966

Same Dimension

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



4278190234



4278190281



4283236506



4282729805



4278190220



4278190093

Inverse Universe

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



4288282778



4291363017



4283275776



4283254093



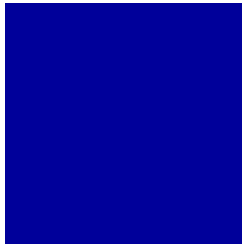
4287365260



4279042061

Previews

White Background



This preview shows how the Android color 4278190234 looks on a white background.

Color Contrast Check

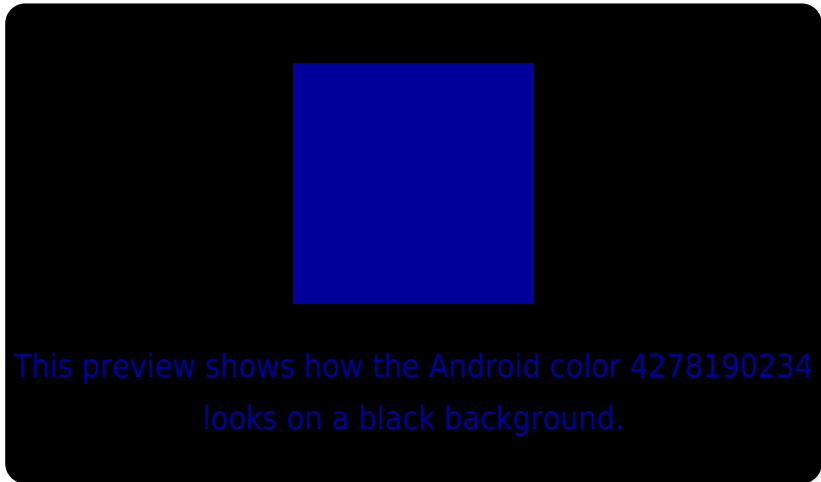
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278190234 Background



This preview shows how black text looks on a background with the Android color 4278190234.



This preview shows how white text looks on a background with the Android color 4278190234.

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
4278190234

Protanopia
4278201694

Deuteranopia
4278202448

Trichromacy



Original Color

4278190234

Protanomaly

4278197620

Deuteranomaly

4278198123

Tritanomaly

4278198618

Monochromacy



Original Color

4278190234

Achromatopsia

4279374354

Achromatomaly

4278913859

CSS Examples

Text

The CSS property to change the color of the text to Android 4278190234 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, 0, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 154)  
}
```

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, 0, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 154) }
```

Border

The CSS property to change the border of an element to Android 4278190234 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, 0, 154) }
```

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

```
.border{ border-color:rgb(0, 0, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 154); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 154); box-shadow:4px  
4px 4px 4px rgb(0, 0, 154) }
```

Background

The CSS property to change the background color of an element to Android 4278190234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 154) }
```

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

```
.background{ background-color: rgb(0, 0,  
154) }
```

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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