

Converting Colors

Android(4278194852)

Have a look what the booklet for
Android(4278194852) contains.

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Color

Android(4278194852)

Conversions

Conversions Part 1

Format	Color
Hex	0012A4
RGB	0, 18, 164
RGB Percent	0%, 7%, 64%
CMY	1.0000, 0.9294, 0.3569
CMYK	1.00, 0.89, 0.00, 0.36
HSL	233°, 100%, 32%
HSV	233°, 100%, 64%
XYZ	6.9171, 3.1129, 35.3582
YIQ	29.2620, -57.5940, 41.5900

Conversions

Conversions Part 2

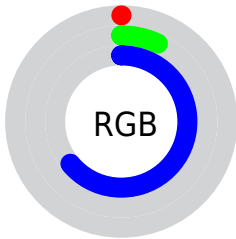
Format	Color
RYB	0, 16, 164
Decimal	4772
CIELab	20.49, 51.47, -74.55
CIELCh	20, 90.593, 304.618
Yxy	3.1129, 0.1524, 0.0686
Android (android.graphics.Color)	4278194852 (0xFF0012A4)
YUV	29.2620, 66.4258, -25.6628
Hunter-Lab	17.6436, 39.1046, -106.4686

Details

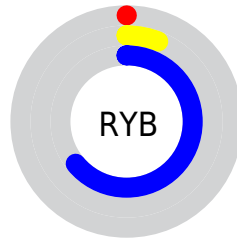
The Android color **4278194852** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4288975360**, and the grayscale version is **4280098077**.

A 20% lighter version of the original color is **4284302300**, and **4278190191** is the 20% darker color. If you saturate the color by 10%, you get **4278194852**, and if you desaturate by 10%, it is **4279247268**.

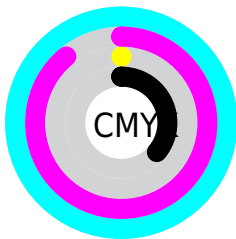
Distribution



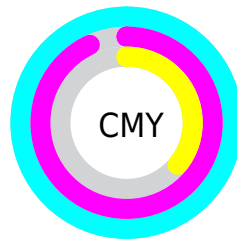
- Red (0%)
- Green (7%)
- Blue (64%)



- Red (0%)
- Yellow (6%)
- Blue (64%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (93%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194852 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 4278194852 by changing the saturation by 10% instead.

 4278194852

 4278194852

4294967295

 4278190217

 4284302300

 4278190191

 4286340346

 4278191189

 4288378367

 4278191677

 4290351359

 4278190886

 4292324351

 4278190351

 4294363135

 4278190080

 4294960127

 4278194852

■ 4279247268

■ 4280364964

■ 4281417380

■ 4282535076

■ 4283587492

■ 4284639908

■ 4285757604

■ 4286810020

■ 4287927716

Harmonies

Analogous

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



4278205630



4278194852



4286578796

Triad

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



4278194852



4285008128



4278207803

Complementary

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



4278194852



4288975360

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.



4278207232



4278194852



4281676544

Square

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



4278194852



4287299584



4278206208



4278208382

Rectangle

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



4278194852



4287955009



4278206208



4278207779

Sweetspot

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



4278194852



4288060886



4278232209



4282730859



4293651435



4285229931

Same Dimension

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



4278194852



4278196438



4282319012



4282993234



4278194321



4278190610

Inverse Universe

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



4288938002



4292214808



4284851200



4283582794



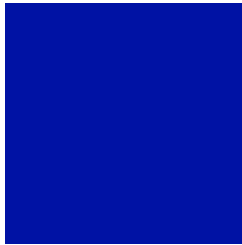
4287692816



4279369730

Previews

White Background



This preview shows how the Android color 4278194852 looks on a white background.

Color Contrast Check

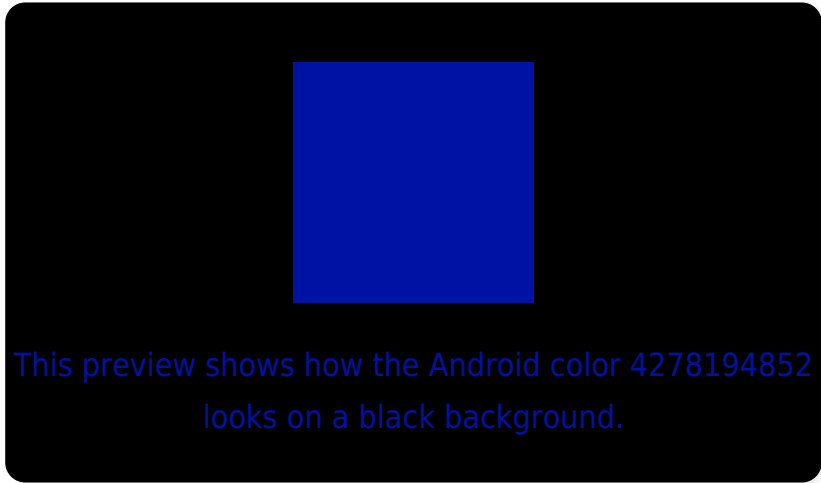
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278194852 Background



This preview shows how black text looks on a background with the Android color 4278194852.



This preview shows how white text looks on a background with the Android color 4278194852.

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

4278194852

Protanopia

4278202984

Deuteranopia

4278203736

Trichromacy



Original Color
4278194852

Protanomaly
4278199934

Deuteranomaly
4278200436

Tritanomaly
4278201186

Monochromacy



Original Color
4278194852

Achromatopsia
4280098077

Achromatomaly
4279376206

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194852 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, 18, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 164)  
}
```

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, 18, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 164) }
```

Border

The CSS property to change the border of an element to Android 4278194852 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, 18, 164) }
```

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

```
.border{ border-color:rgb(0, 18, 164) }
```

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

Here you see how a box with a 4 pixel rgb(0, 18, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 18, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 18, 164)  
}
```

Background

The CSS property to change the background color of an element to Android 4278194852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 18, 164) }
```

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

```
.background{ background-color: rgb(0, 18,  
164) }
```

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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