

Converting Colors

Android(4278200451)

Have a look what the booklet for
Android(4278200451) contains.

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Color

Android(4278200451)

Conversions

Conversions Part 1

Format	Color
Hex	002883
RGB	0, 40, 131
RGB Percent	0%, 16%, 51%
CMY	1.0000, 0.8431, 0.4863
CMYK	1.00, 0.69, 0.00, 0.49
HSL	222°, 100%, 26%
HSV	222°, 100%, 51%
XYZ	4.8555, 3.1563, 21.8260
YIQ	38.4140, -53.0510, 19.8210

Conversions

Conversions Part 2

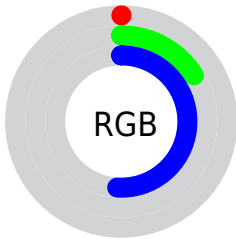
Format	Color
RYB	0, 31, 131
Decimal	10371
CIELab	20.66, 27.51, -53.84
CIELCh	21, 60.465, 297.065
Yxy	3.1563, 0.1627, 0.1058
Android (android.graphics.Color)	4278200451 (0xFF002883)
YUV	38.4140, 45.6449, -33.6891
Hunter-Lab	17.7659, 17.6947, -60.4037

Details

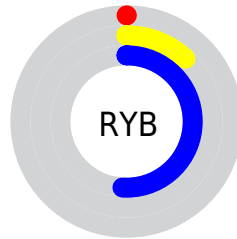
The Android color **4278200451** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4286798592**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4283389369**, and **4278190160** is the 20% darker color. If you saturate the color by 10%, you get **4278200451**, and if you desaturate by 10%, it is **4279054723**.

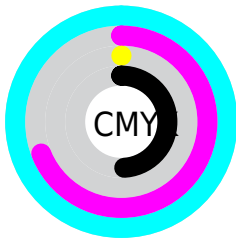
Distribution



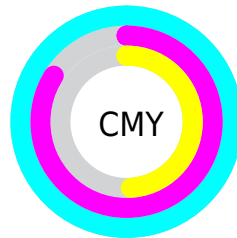
- Red (0%)
- Green (16%)
- Blue (51%)



- Red (0%)
- Yellow (12%)
- Blue (51%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (84%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278200451 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 4278200451 by changing the saturation by 10% instead.

■ 4278200451

■ 4278200451

4294967295

■ 4278195305

■ 4283389369

■ 4278190160

■ 4285296085

■ 4278191416

■ 4287203058

■ 4278190626

■ 4289044991

■ 4278190088

■ 4290952447

■ 4278190080

■ 4292925439

■ 4294898943

■ 4278200451

■ 4279054723

■ 4279908995

■ 4280763267

■ 4281617539

■ 4282537603

■ 4283391875

■ 4284246147

■ 4285100419

■ 4285954691

Harmonies

Analogous

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



4278205069



4278200451



4284416099

Triad

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



4278200451



4284618240



4278206764

Complementary

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



4278200451



4286798592

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.



4278206208



4278200451



4282527488

Square

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



4278200451



4285988876



4279384576



4278207066

Rectangle

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



4278200451



4285726791



4279384576



4278206748

Sweetspot

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



4278200451



4286089131



4278223706



4281811287



4292269782



4283914071

Same Dimension

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



4278200451



4278203563



4279763075



4282138178



4278200450



4278190339

Inverse Universe

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



4286775336



4289396788



4285235968



4282530878



4286709800



4278386689

Previews

White Background



This preview shows how the Android color 4278200451 looks on a white background.

Color Contrast Check

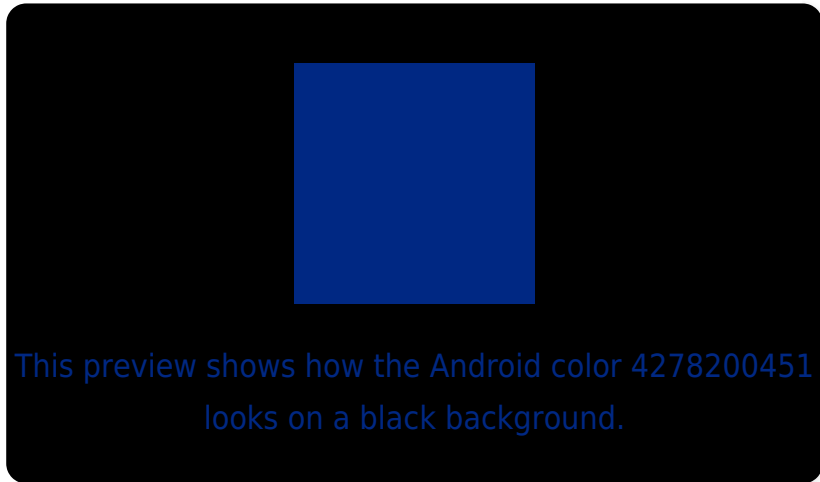
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278200451 Background



This preview shows how black text looks on a background with the Android color 4278200451.



This preview shows how white text looks on a background with the Android color 4278200451.

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

4278200451

Protanopia

4278202727

Tritanopia

4278204475

Trichromacy



Original Color
4278200451

Protanomaly
4278201969

Tritanomaly
4278202965

Monochromacy



Original Color
4278200451

Achromatopsia
4280690214

Achromatomaly
4279773000

CSS Examples

Text

The CSS property to change the color of the text to Android 4278200451 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, 40, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 131)  
}
```

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, 40, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 131) }
```

Border

The CSS property to change the border of an element to Android 4278200451 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, 40, 131) }
```

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

```
.border{ border-color:rgb(0, 40, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 40, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 40, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 40, 131)  
}
```

Background

The CSS property to change the background color of an element to Android 4278200451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 131) }
```

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

```
.background{ background-color: rgb(0, 40,  
131) }
```

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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