

Converting Colors

Android(4278200963)

Have a look what the booklet for
Android(4278200963) contains.

Android(4278200963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278200963)

Conversions

Conversions Part 1

Format	Color
Hex	002A83
RGB	0, 42, 131
RGB Percent	0%, 16%, 51%
CMY	1.0000, 0.8353, 0.4863
CMYK	1.00, 0.68, 0.00, 0.49
HSL	221°, 100%, 26%
HSV	221°, 100%, 51%
XYZ	4.9247, 3.2946, 21.8491
YIQ	39.5880, -53.6010, 18.7750

Conversions

Conversions Part 2

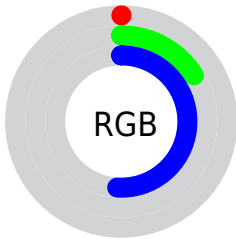
Format	Color
RYB	0, 32, 131
Decimal	10883
CIELab	21.19, 26.11, -52.97
CIELCh	21, 59.061, 296.240
Yxy	3.2946, 0.1638, 0.1096
Android (android.graphics.Color)	4278200963 (0xFF002A83)
YUV	39.5880, 45.0661, -34.7187
Hunter-Lab	18.1511, 16.6656, -58.6636

Details

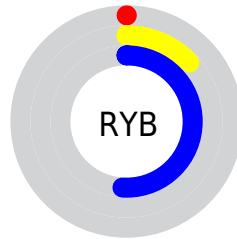
The Android color **4278200963** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4286798080**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4283389881**, and **4278190161** is the 20% darker color. If you saturate the color by 10%, you get **4278200963**, and if you desaturate by 10%, it is **4279055235**.

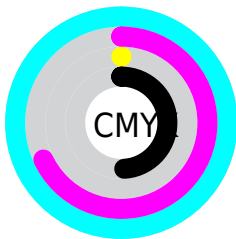
Distribution



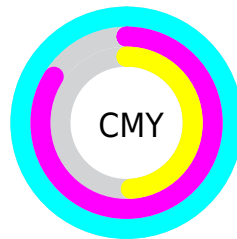
- Red (0%)
- Green (16%)
- Blue (51%)



- Red (0%)
- Yellow (13%)
- Blue (51%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278200963 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 4278200963 by changing the saturation by 10% instead.

 4278200963

 4278200963

4294967295

 4278195817

 4283389881

 4278190161

 4285296597

 4278191416

 4287203826

 4278190626

 4289045503

 4278190088

 4290952959

 4278190080

 4292860671

 4294833919

 4278200963

■ 4279055235

■ 4279909507

■ 4280763779

■ 4281618051

■ 4282537859

■ 4283391875

■ 4284246147

■ 4285100419

■ 4285954691

Harmonies

Analogous

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



4278205324



4278200963



4284416100

Triad

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



4278200963



4284749568



4278207276

Complementary

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



4278200963



4286798080

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.



4278206464



4278200963



4282658816

Square

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



4278200963



4285988880



4279778048



4278207321

Rectangle

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



4278200963



4285726793



4279778048



4278207004

Sweetspot

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



4278200963



4286089387



4278223703



4281811287



4292269782



4283914071

Same Dimension

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



4278200963



4278204331



4279632003



4282138178



4278200962



4278190339

Inverse Universe

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



4286775338



4289396791



4285367040



4282530878



4286709802



4278386689

Previews

White Background



This preview shows how the Android color 4278200963 looks on a white background.

Color Contrast Check

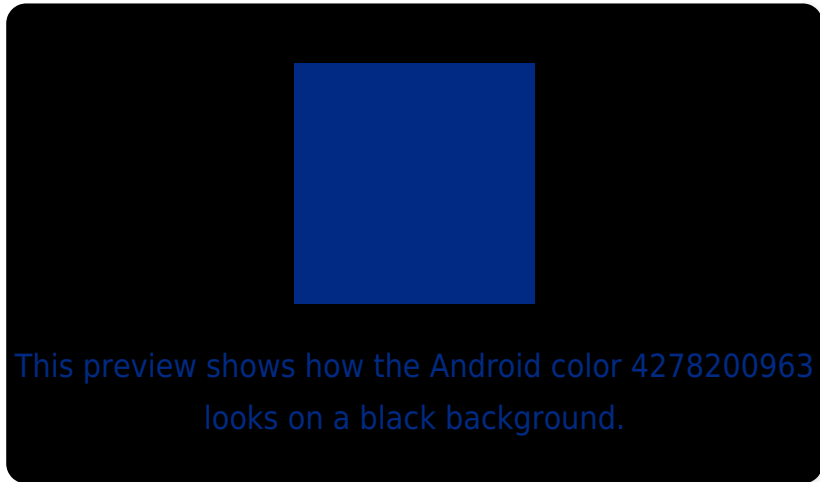
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278200963 Background



This preview shows how black text looks on a background with the Android color 4278200963.



This preview shows how white text looks on a background with the Android color 4278200963.

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

4278200963

Protanopia

4278202985

Deuteranopia

4278203738

Trichromacy



Original Color

4278200963

Protanomaly

4278202226

Deuteranomaly

4278202729

Tritanomaly

4278203478

Monochromacy



Original Color

4278200963

Achromatopsia

4280821800

Achromatomaly

4279839049

CSS Examples

Text

The CSS property to change the color of the text to Android 4278200963 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, 42, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 42, 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, 42, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 42, 131) }
```

Border

The CSS property to change the border of an element to Android 4278200963 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, 42, 131) }
```

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

```
.border{ border-color:rgb(0, 42, 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, 42, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 42, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 42, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 42, 131)  
}
```

Background

The CSS property to change the background color of an element to Android 4278200963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 42, 131) }
```

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

```
.background{ background-color: rgb(0, 42,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor