

Converting Colors

Android(4278197444)

Have a look what the booklet for
Android(4278197444) contains.

Android(4278197444)	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(4278197444)

Conversions

Conversions Part 1

Format	Color
Hex	001CC4
RGB	0, 28, 196
RGB Percent	0%, 11%, 77%
CMY	1.0000, 0.8902, 0.2314
CMYK	1.00, 0.86, 0.00, 0.23
HSL	231°, 100%, 38%
HSV	231°, 100%, 77%
XYZ	10.3791, 4.8160, 52.6071
YIQ	38.7800, -70.6160, 46.3120

Conversions

Conversions Part 2

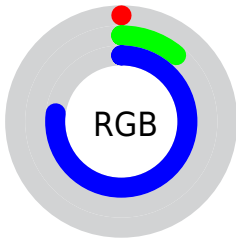
Format	Color
RYB	0, 25, 196
Decimal	7364
CIELab	26.20, 57.07, -84.17
CIELCh	26, 101.697, 304.140
Yxy	4.8160, 0.1531, 0.0710
Android (android.graphics.Color)	4278197444 (0xFF001CC4)
YUV	38.7800, 77.5095, -34.0101
Hunter-Lab	21.9455, 46.0167, -126.7667

Details

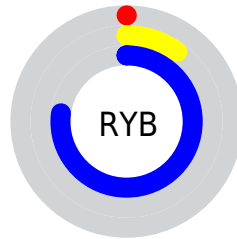
The Android color `4278197444` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291078144`, and the grayscale version is `4280690214`.

A 20% lighter version of the original color is `4284960510`, and `4278190220` is the 20% darker color. If you saturate the color by 10%, you get `4278197444`, and if you desaturate by 10%, it is `4279512516`.

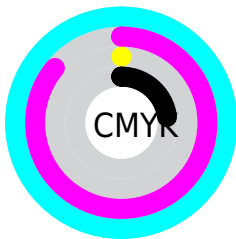
Distribution



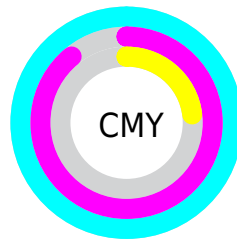
- Red (0%)
- Green (11%)
- Blue (77%)



- Red (0%)
- Yellow (10%)
- Blue (77%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (89%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278197444 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 4278197444 by changing the saturation by 10% instead.

 4278197444

 4278197444

4294967295

 4278190504

 4284960510

 4278190220

 4287064063

 4278190194

 4289167871

 4278193240

 4291206399

 4278191936

 4293244927

 4278190889

 4294956031

 4278190355

 4294963455

 4278190080

 4278197444

■ 4279512516

■ 4280762052

■ 4282076868

■ 4283326404

■ 4284641476

■ 4285956548

■ 4287206084

■ 4288520900

■ 4289770436

Harmonies

Analogous

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



4278209505



4278197444



4288217220

Triad

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



4278197444



4286517248



4278211912

Complementary

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



4278197444



4291078144

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.



4278211072



4278197444



4282662912

Square

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



4278197444



4289200128



4278210048



4278212502

Rectangle

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



4278197444



4289855569



4278210048



4278211628

Sweetspot

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



4278197444



4289969663



4278240423



4283586688



4278190080



4286611584

Same Dimension

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



4278197444



4278199551



4282712260



4283914593



4278196129



4278191393

Inverse Universe

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



4291035164



4294901796



4286563328



4284569433



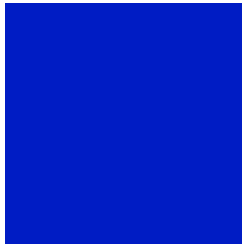
4288741399



4280352773

Previews

White Background



This preview shows how the Android color 4278197444 looks on a white background.

Color Contrast Check

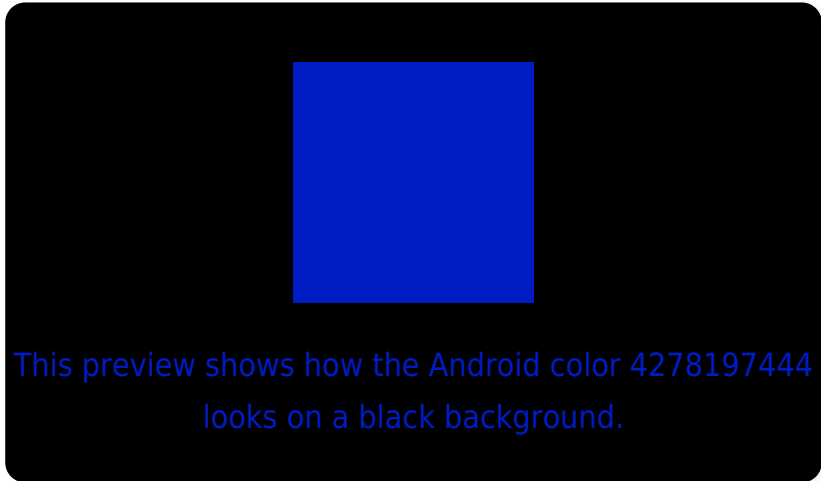
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278197444 Background



This preview shows how black text looks on a background with the Android color 4278197444.



This preview shows how white text looks on a background with the Android color 4278197444.

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

4278197444

Protanopia

4278205823

Deuteranopia

4278206828

Trichromacy



Original Color

4278197444

Protanomaly

4278202776

Deuteranomaly

4278203532

Tritanomaly

4278204278

Monochromacy



Original Color

4278197444

Achromatopsia

4280756007

Achromatomaly

4279837536

CSS Examples

Text

The CSS property to change the color of the text to Android 4278197444 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, 28, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 196)  
}
```

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, 28, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 196) }
```

Border

The CSS property to change the border of an element to Android 4278197444 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, 28, 196) }
```

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

```
.border{ border-color:rgb(0, 28, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 28, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 28, 196)  
}
```

Background

The CSS property to change the background color of an element to Android 4278197444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 196) }
```

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

```
.background{ background-color: rgb(0, 28,  
196) }
```

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