

Converting Colors

Android(4278198413)

Have a look what the booklet for
Android(4278198413) contains.

Android(4278198413)	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>	28

Color

Android(4278198413)

Conversions

Conversions Part 1

Format	Color
Hex	00208D
RGB	0, 32, 141
RGB Percent	0%, 13%, 55%
CMY	1.0000, 0.8745, 0.4471
CMYK	1.00, 0.77, 0.00, 0.45
HSL	226°, 100%, 28%
HSV	226°, 100%, 55%
XYZ	5.3242, 2.9561, 25.4893
YIQ	34.8580, -54.0610, 27.1150

Conversions

Conversions Part 2

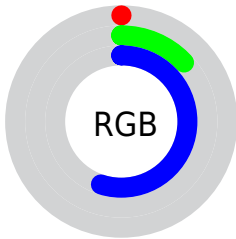
Format	Color
RYB	0, 26, 141
Decimal	8333
CIELab	19.87, 36.71, -61.42
CIELCh	20, 71.557, 300.867
Yxy	2.9561, 0.1577, 0.0875
Android (android.graphics.Color)	4278198413 (0xFF00208D)
YUV	34.8580, 52.3280, -30.5705
Hunter-Lab	17.1933, 25.1874, -75.8626

Details

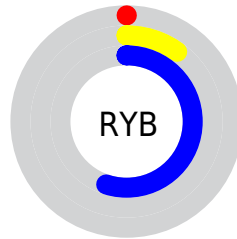
The Android color **4278198413** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4287458560**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4283715012**, and **4278190170** is the 20% darker color. If you saturate the color by 10%, you get **4278198413**, and if you desaturate by 10%, it is **4279118733**.

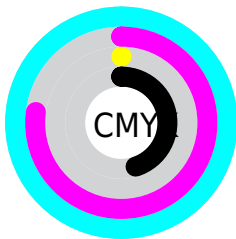
Distribution



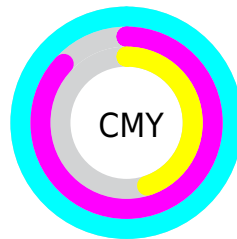
- Red (0%)
- Green (13%)
- Blue (55%)



- Red (0%)
- Yellow (10%)
- Blue (55%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (87%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278198413 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 4278198413 by changing the saturation by 10% instead.

■ 4278198413

■ 4278198413

4294967295

■ 4278193267

■ 4283715012

■ 4278190170

■ 4285687264

■ 4278191937

■ 4287594237

■ 4278190890

■ 4289501695

■ 4278190356

■ 4291409151

■ 4278190080

■ 4293382143

■ 4294962175

■ 4278198413

■ 4279118733

■ 4280039053

■ 4280959373

■ 4281879693

■ 4282865549

■ 4283785613

■ 4284705933

■ 4285626253

■ 4286546573

Harmonies

Analogous

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



4278204829



4278198413



4285136996

Triad

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



4278198413



4284616704



4278206768

Complementary

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



4278198413



4287458560

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



4278198413



4282068736

Square

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



4278198413



4286316544



4278205184



4278207078

Rectangle

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



4278198413



4286447682



4278205184



4278206750

Sweetspot

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



4278198413



4286680504



4278226284



4282073692



4292598747



4284243036

Same Dimension

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



4278198413



4278201016



4280680589



4282401351



4278198151



4278190600

Inverse Universe

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



4287430688



4290248746



4284976384



4282859586



4287037471



4278714370

Previews

White Background



This preview shows how the Android color 4278198413 looks on a white background.

Color Contrast Check

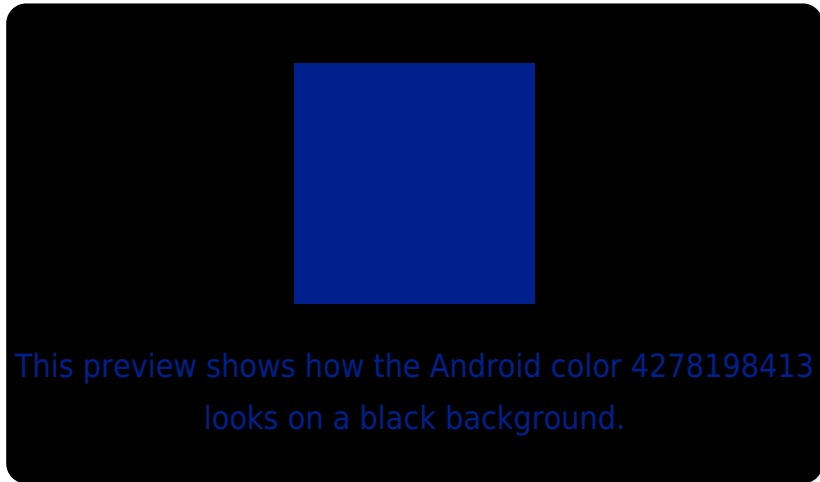
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278198413 Background



This preview shows how black text looks on a background with the Android color 4278198413.



This preview shows how white text looks on a background with the Android color 4278198413.

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

4278198413

Deuteranopia

4278203221

Tritanopia

4278204218

Trichromacy



Original Color
4278198413

Deuteranomaly
4278201449

Tritanomaly
4278202200

Monochromacy



Original Color
4278198413

Achromatopsia
4280492835

Achromatomaly
4279640650

CSS Examples

Text

The CSS property to change the color of the text to Android 4278198413 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, 32, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 141)  
}
```

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, 32, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 141) }
```

Border

The CSS property to change the border of an element to Android 4278198413 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, 32, 141) }
```

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

```
.border{ border-color:rgb(0, 32, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 32, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 32, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 32, 141)  
}
```

Background

The CSS property to change the background color of an element to Android 4278198413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 32, 141) }
```

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

```
.background{ background-color: rgb(0, 32,  
141) }
```

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