

Converting Colors

Android(4278198442)

Have a look what the booklet for
Android(4278198442) contains.

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Color

Android(4278198442)

Conversions

Conversions Part 1

Format	Color
Hex	0020AA
RGB	0, 32, 170
RGB Percent	0%, 13%, 67%
CMY	1.0000, 0.8745, 0.3333
CMYK	1.00, 0.81, 0.00, 0.33
HSL	229°, 100%, 33%
HSV	229°, 100%, 67%
XYZ	7.7722, 3.9353, 38.3802
YIQ	38.1640, -63.3700, 36.1340

Conversions

Conversions Part 2

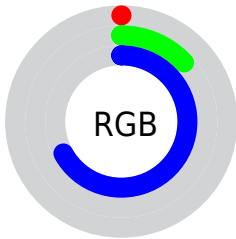
Format	Color
RYB	0, 27, 170
Decimal	8362
CIELab	23.46, 46.95, -73.25
CIELCh	23, 87.007, 302.659
Yxy	3.9353, 0.1552, 0.0786
Android (android.graphics.Color)	4278198442 (0xFF0020AA)
YUV	38.1640, 64.9951, -33.4698
Hunter-Lab	19.8376, 35.2191, -100.8231

Details

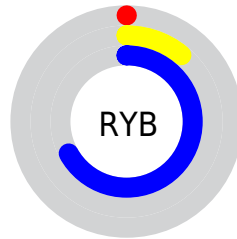
The Android color **4278198442** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4289366528**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4284370915**, and **4278190196** is the 20% darker color. If you saturate the color by 10%, you get **4278198442**, and if you desaturate by 10%, it is **4279316138**.

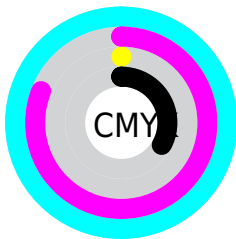
Distribution



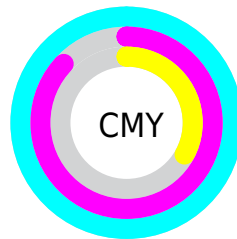
- Red (0%)
- Green (13%)
- Blue (67%)



- Red (0%)
- Yellow (11%)
- Blue (67%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (87%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278198442 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 4278198442 by changing the saturation by 10% instead.

 4278198442

 4278198442

4294967295

 4278192527

 4284370915

 4278190196

 4286408959

 4278190171

 4288446975

 4278191938

 4290419967

 4278190891

 4292392959

 4278190357

 4294431743

 4278190080

 4294963199

 4278198442

■ 4279316138

■ 4280433834

■ 4281551274

■ 4282668970

■ 4283786666

■ 4284904362

■ 4286022058

■ 4287139498

■ 4288257194

Harmonies

Analogous

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



4278207424



4278198442



4286775414

Triad

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



4278198442



4285665536



4278209597

Complementary

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



4278198442



4289366528

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.



4278209024



4278198442



4282464256

Square

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



4278198442



4287889408



4278207744



4278210175

Rectangle

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



4278198442



4288282699



4278207744



4278209573

Sweetspot

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



4278198442



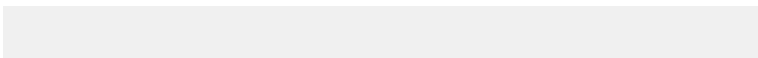
4288391390



4278233736



4282929008



4293980400



4285558896

Same Dimension

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



4278198442



4278201054



4281532586



4283190612



4278197396



4278191124

Inverse Universe

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



4289331232



4292739114



4286032384



4283714637



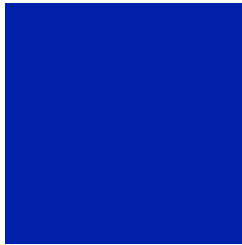
4287889436



4279500804

Previews

White Background



This preview shows how the Android color 4278198442 looks on a white background.

Color Contrast Check

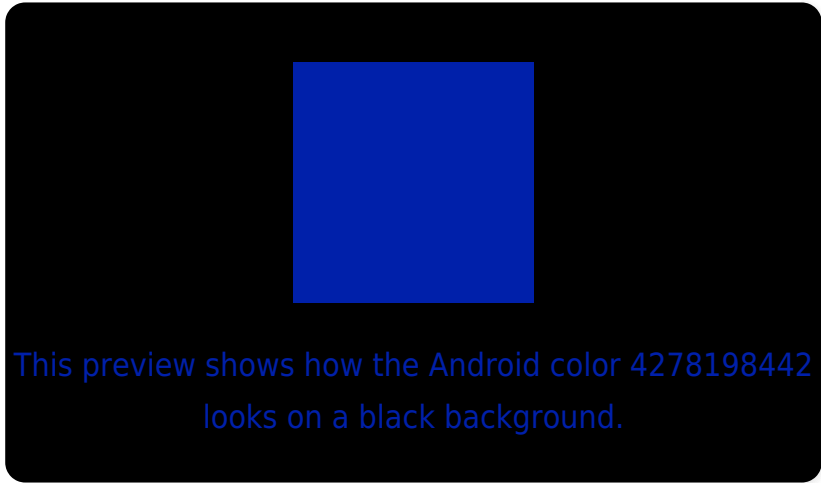
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278198442 Background



This preview shows how black text looks on a background with the Android color 4278198442.



This preview shows how white text looks on a background with the Android color 4278198442.

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

4278198442

Protanopia

4278204275

Deuteranopia

4278205282

Trichromacy



Original Color

4278198442

Protanomaly

4278202247

Deuteranomaly

4278202748

Tritanomaly

4278203496

Monochromacy



Original Color

4278198442

Achromatopsia

4280690214

Achromatomaly

4279772246

CSS Examples

Text

The CSS property to change the color of the text to Android 4278198442 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 170) }
```

Border

The CSS property to change the border of an element to Android 4278198442 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, 170) }
```

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

```
.border{ border-color:rgb(0, 32, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 32, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 32, 170)  
}
```

Background

The CSS property to change the background color of an element to Android 4278198442 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, 170) }
```

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

```
.background{ background-color: rgb(0, 32,  
170) }
```

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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