

Converting Colors

Android(4278200222)

Have a look what the booklet for
Android(4278200222) contains.

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Color

Android(4278200222)

Conversions

Conversions Part 1

Format	Color
Hex	00279E
RGB	0, 39, 158
RGB Percent	0%, 15%, 62%
CMY	1.0000, 0.8471, 0.3804
CMYK	1.00, 0.75, 0.00, 0.38
HSL	225°, 100%, 31%
HSV	225°, 100%, 62%
XYZ	6.8971, 3.9197, 32.7408
YIQ	40.9050, -61.4430, 28.7410

Conversions

Conversions Part 2

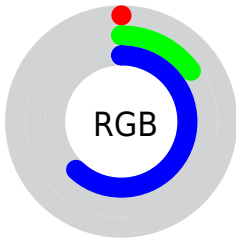
Format	Color
RYB	0, 31, 158
Decimal	10142
CIELab	23.40, 38.71, -66.05
CIELCh	23, 76.557, 300.370
Yxy	3.9197, 0.1583, 0.0900
Android (android.graphics.Color)	4278200222 (0xFF00279E)
YUV	40.9050, 57.7278, -35.8737
Hunter-Lab	19.7981, 27.5373, -84.1911

Details

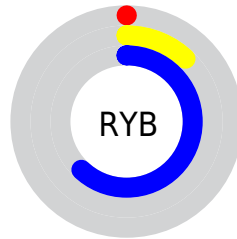
The Android color `4278200222` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288575232`, and the grayscale version is `4280821800`.

A 20% lighter version of the original color is `4284044758`, and `4278190185` is the 20% darker color. If you saturate the color by 10%, you get `4278200222`, and if you desaturate by 10%, it is `4279251870`.

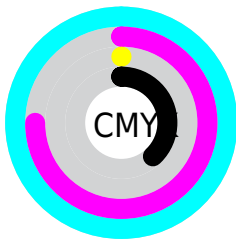
Distribution



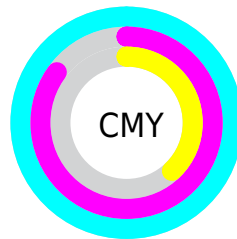
- Red (0%)
- Green (15%)
- Blue (62%)



- Red (0%)
- Yellow (12%)
- Blue (62%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (85%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278200222 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 4278200222 by changing the saturation by 10% instead.

 4278200222

 4278200222

4294967295

 4278194819

 4284044758

 4278190185

 4286082547

 4278190672

 4287989759

 4278191416

 4289962495

 4278190626

 4291935487

 4278190087

 4293908735

 4278190080

 4294964735

 4278200222

■ 4279251870

■ 4280303518

■ 4281289630

■ 4282341278

■ 4283392926

■ 4284444318

■ 4285495966

■ 4286482078

■ 4287533726

Harmonies

Analogous

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



4278207151



4278200222



4285988978

Triad

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



4278200222



4285535488



4278209335

Complementary

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



4278200222



4288575232

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.



4278208512



4278200222



4282726144

Square

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



4278200222



4287365120



4278207232



4278209650

Rectangle

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



4278200222



4287430733



4278207232



4278209059

Sweetspot

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



4278200222



4287733967



4278230647



4282600553



4293454056



4285098345

Same Dimension

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



4278200222



4278203343



4280811678



4282861903



4278199183



4278191119

Inverse Universe

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



4288544807



4291756083



4286029312



4283385673



4287561763



4279173124

Previews

White Background



This preview shows how the Android color 4278200222 looks on a white background.

Color Contrast Check

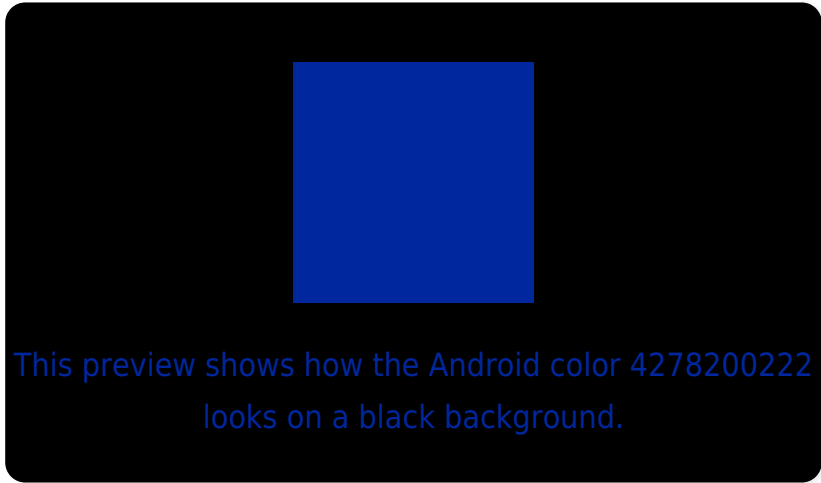
Large Text (above 18pt) WCAG AA ✓ Pass

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

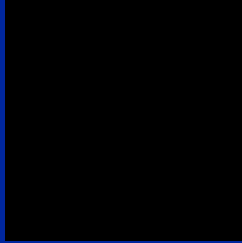
Any Text WCAG AA × Fail

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 4278200222 Background



This preview shows how black text looks on a background with the Android color 4278200222.



This preview shows how white text looks on a background with the Android color 4278200222.

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

4278200222

Protanopia

4278204275

Deuteranopia

4278205026

Trichromacy



Original Color

4278200222

Protanomaly

4278202755

Deuteranomaly

4278203256

Tritanomaly

4278204003

Monochromacy



Original Color

4278200222

Achromatopsia

4280887593

Achromatomaly

4279904340

CSS Examples

Text

The CSS property to change the color of the text to Android 4278200222 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, 39, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 158)  
}
```

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, 39, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 158) }
```

Border

The CSS property to change the border of an element to Android 4278200222 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, 39, 158) }
```

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

```
.border{ border-color:rgb(0, 39, 158) }
```

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

Here you see how a box with a 4 pixel rgb(0, 39, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 39, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 39, 158)  
}
```

Background

The CSS property to change the background color of an element to Android 4278200222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 158) }
```

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

```
.background{ background-color: rgb(0, 39,  
158) }
```

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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