

Converting Colors

Android(4278199162)

Have a look what the booklet for
Android(4278199162) contains.

Android(4278199162)	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(4278199162)

Conversions

Conversions Part 1

Format	Color
Hex	00237A
RGB	0, 35, 122
RGB Percent	0%, 14%, 48%
CMY	1.0000, 0.8627, 0.5216
CMYK	1.00, 0.71, 0.00, 0.52
HSL	223°, 100%, 24%
HSV	223°, 100%, 48%
XYZ	4.1139, 2.6072, 18.6988
YIQ	34.4530, -48.7870, 19.6370

Conversions

Conversions Part 2

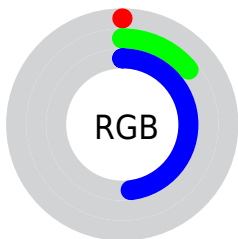
Format	Color
RYB	0, 27, 122
Decimal	9082
CIELab	18.40, 27.29, -51.86
CIELCh	18, 58.606, 297.754
Yxy	2.6072, 0.1618, 0.1026
Android (android.graphics.Color)	4278199162 (0xFF00237A)
YUV	34.4530, 43.1607, -30.2153
Hunter-Lab	16.1468, 17.2212, -57.3577

Details

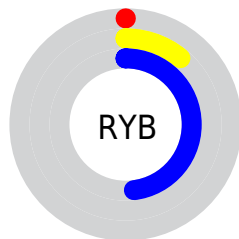
The Android color **4278199162** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4286207744**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4283256751**, and **4278190152** is the 20% darker color. If you saturate the color by 10%, you get **4278199162**, and if you desaturate by 10%, it is **4278987898**.

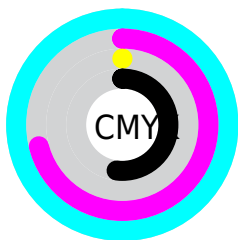
Distribution



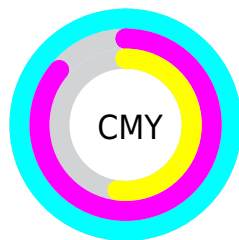
- Red (0%)
- Green (14%)
- Blue (48%)



- Red (0%)
- Yellow (11%)
- Blue (48%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (86%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278199162 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 4278199162 by changing the saturation by 10% instead.

 4278199162

 4278199162

4294967295

 4278194273

 4283256751

 4278190152

 4285097931

 4278191153

 4286939368

 4278190363

 4288846591

 4278190080

 4290688511

 4292661759

 4294569471

 4278199162

■ 4278987898

■ 4279776378

■ 4280630650

■ 4281419386

■ 4282208122

■ 4282996602

■ 4283785338

■ 4284639610

■ 4285428090

Harmonies

Analogous

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



4278203780



4278199162



4284022875

Triad

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



4278199162



4284092928



4278205480

Complementary

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



4278199162



4286207744

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.



4278204928



4278199162



4282067712

Square

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



4278199162



4285399044



4278990080



4278205780

Rectangle

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



4278199162



4285268032



4278990080



4278205209

Sweetspot

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



4278199162



4285496478



4278221397



4281547599



4291809231



4283387727

Same Dimension

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



4278199162



4278201758



4279763066



4281809213



4278199421



4278208764

Inverse Universe

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



4286185507



4288544813



4284643840



4282201913



4286382116



4294705224

Previews

White Background



This preview shows how the Android color 4278199162 looks on a white background.

Color Contrast Check

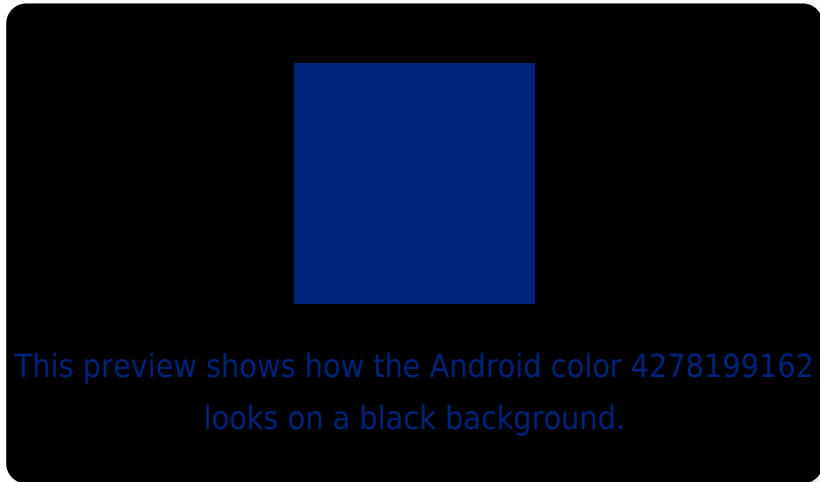
Large Text (above 18pt) WCAG AA ✓ Pass

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

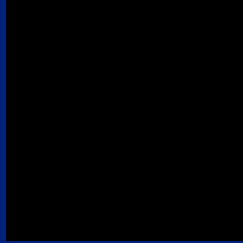
Any Text WCAG AA × Fail

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 4278199162 Background



This preview shows how black text looks on a background with the Android color 4278199162.



This preview shows how white text looks on a background with the Android color 4278199162.

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

4278199162

Protanopia

4278201438

Deuteranopia

4278202192

Trichromacy



Original Color

4278199162

Protanomaly

4278200680

Deuteranomaly

4278201183

Tritanomaly

4278201679

Monochromacy



Original Color

4278199162

Achromatopsia

4280427042

Achromatomaly

4279640642

CSS Examples

Text

The CSS property to change the color of the text to Android 4278199162 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, 35, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 35, 122)  
}
```

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, 35, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 35, 122) }
```

Border

The CSS property to change the border of an element to Android 4278199162 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, 35, 122) }
```

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

```
.border{ border-color:rgb(0, 35, 122) }
```

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

Here you see how a box with a 4 pixel rgb(0, 35, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 35, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 35, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 35, 122)  
}
```

Background

The CSS property to change the background color of an element to Android 4278199162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 35, 122) }
```

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

```
.background{ background-color: rgb(0, 35,  
122) }
```

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