

Converting Colors

Android(4278201742)

Have a look what the booklet for
Android(4278201742) contains.

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Color

Android(4278201742)

Conversions

Conversions Part 1

Format	Color
Hex	002D8E
RGB	0, 45, 142
RGB Percent	0%, 18%, 56%
CMY	1.0000, 0.8235, 0.4431
CMYK	1.00, 0.68, 0.00, 0.44
HSL	221°, 100%, 28%
HSV	221°, 100%, 56%
XYZ	5.8209, 3.8298, 26.0236
YIQ	42.6030, -57.9570, 20.6270

Conversions

Conversions Part 2

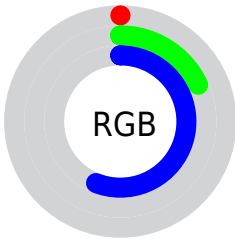
Format	Color
RYB	0, 34, 142
Decimal	11662
CIELab	23.10, 28.55, -56.70
CIELCh	23, 63.484, 296.724
Yxy	3.8298, 0.1632, 0.1074
Android (android.graphics.Color)	4278201742 (0xFF002D8E)
YUV	42.6030, 49.0027, -37.3628
Hunter-Lab	19.5698, 18.8462, -65.1441

Details

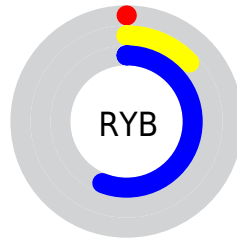
The Android color **4278201742** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4287521024**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4283652805**, and **4278190683** is the 20% darker color. If you saturate the color by 10%, you get **4278201742**, and if you desaturate by 10%, it is **4279121806**.

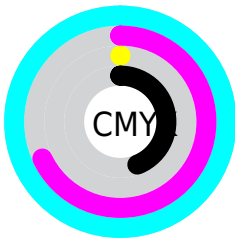
Distribution



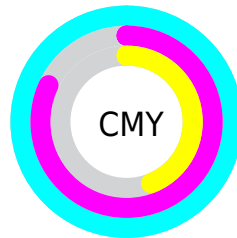
- Red (0%)
- Green (18%)
- Blue (56%)



- Red (0%)
- Yellow (13%)
- Blue (56%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201742 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 4278201742 by changing the saturation by 10% instead.

 4278201742

 4278201742

4294967295

 4278196596

 4283652805

 4278190683

 4285559777

 4278191938

 4287466750

 4278190891

 4289374207

 4278190357

 4291281663

 4278190080

 4293254911

 4294966015

 4278201742

■ 4279121806

■ 4280041614

■ 4281027214

■ 4281947278

■ 4282867342

■ 4283787150

■ 4284707214

■ 4285692814

■ 4286612622

Harmonies

Analogous

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



4278206616



4278201742



4284940396

Triad

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



4278201742



4285208832



4278208560

Complementary

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



4278201742



4287521024

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.



4278208000



4278201742



4282987520

Square

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



4278201742



4286644240



4279713792



4278208865

Rectangle

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



4278201742



4286382158



4279713792



4278208287

Sweetspot

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



4278201742



4286681784



4278226527



4282074460



4292598747



4284243036

Same Dimension

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



4278201742



4278205112



4279763086



4282401607



4278201223



4278190600

Inverse Universe

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



4287496237



4290248762



4285959680



4282859587



4287037483



4278714370

Previews

White Background



This preview shows how the Android color 4278201742 looks on a white background.

Color Contrast Check

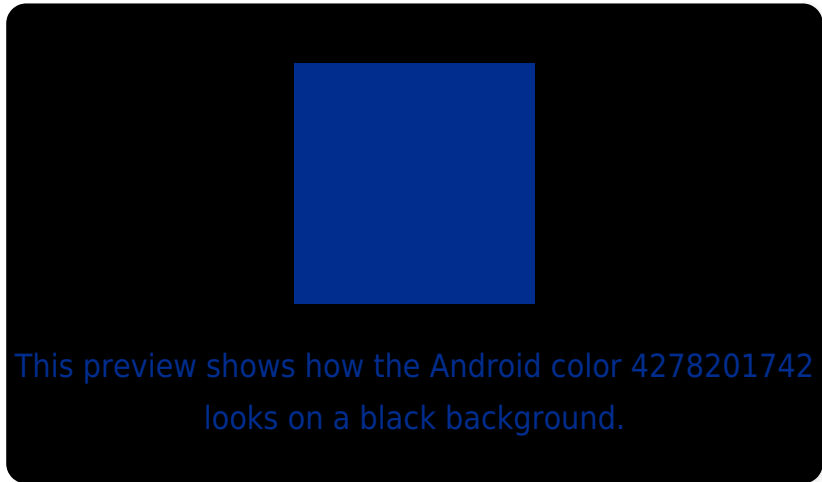
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278201742 Background



This preview shows how black text looks on a background with the Android color 4278201742.



This preview shows how white text looks on a background with the Android color 4278201742.

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

4278201742

Protanopia

4278204018

Deuteranopia

4278205025

Trichromacy



Original Color
4278201742

Protanomaly
4278203260

Deuteranomaly
4278203761

Tritanomaly
4278204509

Monochromacy



Original Color
4278201742

Achromatopsia
4281019179

Achromatomaly
4279970895

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201742 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, 45, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 142)  
}
```

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, 45, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 142) }
```

Border

The CSS property to change the border of an element to Android 4278201742 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, 45, 142) }
```

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

```
.border{ border-color:rgb(0, 45, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 142)  
}
```

Background

The CSS property to change the background color of an element to Android 4278201742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 142) }
```

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

```
.background{ background-color: rgb(0, 45,  
142) }
```

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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