

Converting Colors

Android(4278201447)

Have a look what the booklet for
Android(4278201447) contains.

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Color

Android(4278201447)

Conversions

Conversions Part 1

Format	Color
Hex	002C67
RGB	0, 44, 103
RGB Percent	0%, 17%, 40%
CMY	1.0000, 0.8275, 0.5961
CMYK	1.00, 0.57, 0.00, 0.60
HSL	214°, 100%, 20%
HSV	214°, 100%, 40%
XYZ	3.3489, 2.7806, 13.1922
YIQ	37.5700, -45.1630, 9.0210

Conversions

Conversions Part 2

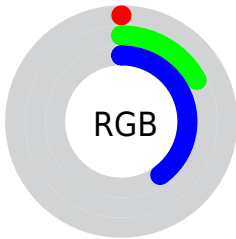
Format	Color
RYB	0, 31, 103
Decimal	11367
CIELab	19.14, 12.44, -38.37
CIELCh	19, 40.339, 287.959
Yxy	2.7806, 0.1733, 0.1439
Android (android.graphics.Color)	4278201447 (0xFF002C67)
YUV	37.5700, 32.2570, -32.9489
Hunter-Lab	16.6752, 6.6662, -35.2330

Details

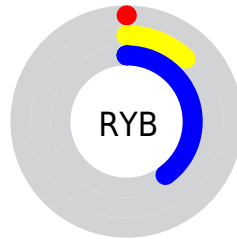
The Android color **4278201447** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284955392**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4282735003**, and **4278190135** is the 20% darker color. If you saturate the color by 10%, you get **4278201447**, and if you desaturate by 10%, it is **4278858343**.

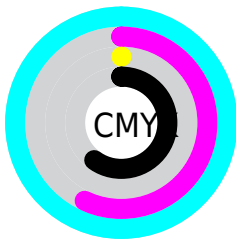
Distribution



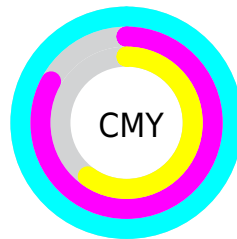
- Red (0%)
- Green (17%)
- Blue (40%)



- Red (0%)
- Yellow (12%)
- Blue (40%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201447 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 4278201447 by changing the saturation by 10% instead.

 4278201447

 4278201447

4294967295

 4278196303

 4282735003

 4278190135

 4284510646

 4278190625


 4286286802

 4278190086

 4288128494

 4278190080

 4289904895

 4291812607

 4293720319

 4278201447

■ 4278858343

■ 4279580775

■ 4280237671

■ 4280894567

■ 4281616999

■ 4282273639

■ 4282930535

■ 4283587431

■ 4284309863

Harmonies

Analogous

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



4278204008



4278201447



4282719574

Triad

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



4278201447



4283898368



4278204961

Complementary

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



4278201447



4284955392

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.



4278204416



4278201447



4282657024

Square

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



4278201447



4284549150



4280955392



4278205248

Rectangle

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



4278201447



4283830085



4280955392



4278204951

Sweetspot

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



4278201447



4284444807



4278216506



4281087813



4291085508



4282729797

Same Dimension

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



4278201447



4278205063



4278648935



4281217075



4278202739



4278216690

Inverse Universe

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



4284940332



4287037498



4284507904



4281544240



4285726769



4294049895

Previews

White Background



This preview shows how the Android color 4278201447 looks on a white background.

Color Contrast Check

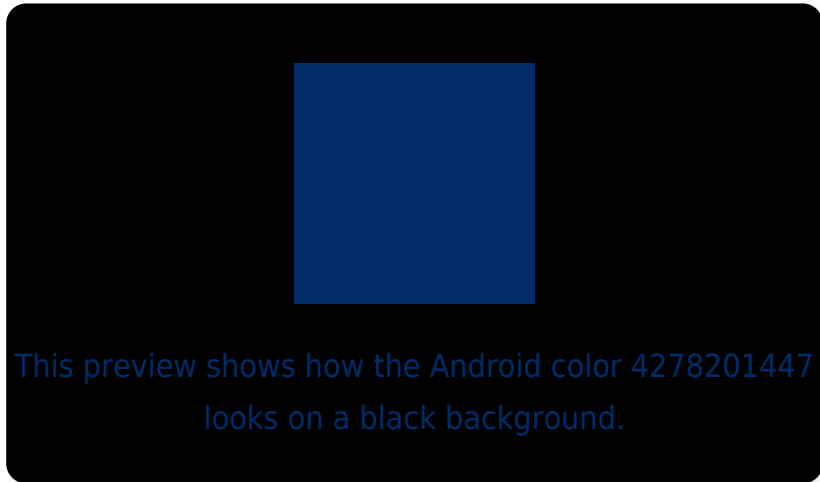
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278201447 Background



This preview shows how black text looks on a background with the Android color 4278201447.



This preview shows how white text looks on a background with the Android color 4278201447.

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
4278201447

Protanopia
4278201953

Deuteranopia
4278202707

Trichromacy



Original Color

4278201447

Protanomaly

4278201699

Deuteranomaly

4278202202

Monochromacy



Original Color

4278201447

Achromatopsia

4280690214

Achromatomaly

4279773246

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201447 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, 44, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 44, 103)  
}
```

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, 44, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 44, 103) }
```

Border

The CSS property to change the border of an element to Android 4278201447 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, 44, 103) }
```

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

```
.border{ border-color:rgb(0, 44, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 44, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 44, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 44, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 44, 103)  
}
```

Background

The CSS property to change the background color of an element to Android 4278201447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 44, 103) }
```

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

```
.background{ background-color: rgb(0, 44,  
103) }
```

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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