

Converting Colors

Android(4278202734)

Have a look what the booklet for
Android(4278202734) contains.

Android(4278202734)	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(4278202734)

Conversions

Conversions Part 1

Format	Color
Hex	00316E
RGB	0, 49, 110
RGB Percent	0%, 19%, 43%
CMY	1.0000, 0.8078, 0.5686
CMYK	1.00, 0.55, 0.00, 0.57
HSL	213°, 100%, 22%
HSV	213°, 100%, 43%
XYZ	3.9128, 3.3224, 15.1869
YIQ	41.3030, -48.7850, 8.5830

Conversions

Conversions Part 2

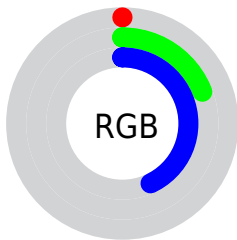
Format	Color
RYB	0, 34, 110
Decimal	12654
CIELab	21.29, 11.91, -39.43
CIELCh	21, 41.184, 286.803
Yxy	3.3224, 0.1745, 0.1482
Android (android.graphics.Color)	4278202734 (0xFF00316E)
YUV	41.3030, 33.8676, -36.2227
Hunter-Lab	18.2275, 6.4194, -36.6404

Details

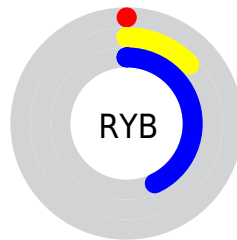
The Android color **4278202734** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285414656**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4282867362**, and **4278190398** is the 20% darker color. If you saturate the color by 10%, you get **4278202734**, and if you desaturate by 10%, it is **4278925166**.

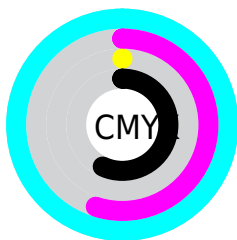
Distribution



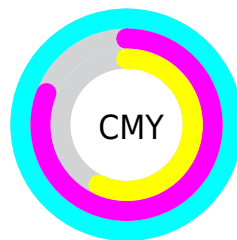
- Red (0%)
- Green (19%)
- Blue (43%)



- Red (0%)
- Yellow (13%)
- Blue (43%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (81%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202734 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 4278202734 by changing the saturation by 10% instead.

■ 4278202734

■ 4278202734

4294967295

■ 4278197589

■ 4282867362

■ 4278190398

■ 4284643262

■ 4278190887

■ 4286484954

■ 4278190352

■ 4288326646

■ 4278190080

■ 4290168575

■ 4292010751

■ 4293984255

■ 4278202734

■ 4278925166

■ 4279647598

■ 4280370030

■ 4281092462

■ 4281815150

■ 4282537582

■ 4283260014

■ 4283982446

■ 4284704878

Harmonies

Analogous

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



4278205295



4278202734



4282983005

Triad

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



4278202734



4284358147



4278206244

Complementary

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



4278202734



4285414656

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.



4278402306



4278202734



4283116800

Square

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



4278202734



4284943652



4281415424



4278206532

Rectangle

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



4278202734



4284224844



4281415424



4278206233

Sweetspot

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



4278202734



4284774287



4278218300



4281219399



4291282887



4282861383

Same Dimension

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



4278202734



4278206607



4278583406



4281480504



4278203768



4278218487

Inverse Universe

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



4285399089



4287561792



4285099520



4281872949



4286054453



4294377582

Previews

White Background



This preview shows how the Android color 4278202734 looks on a white background.

Color Contrast Check

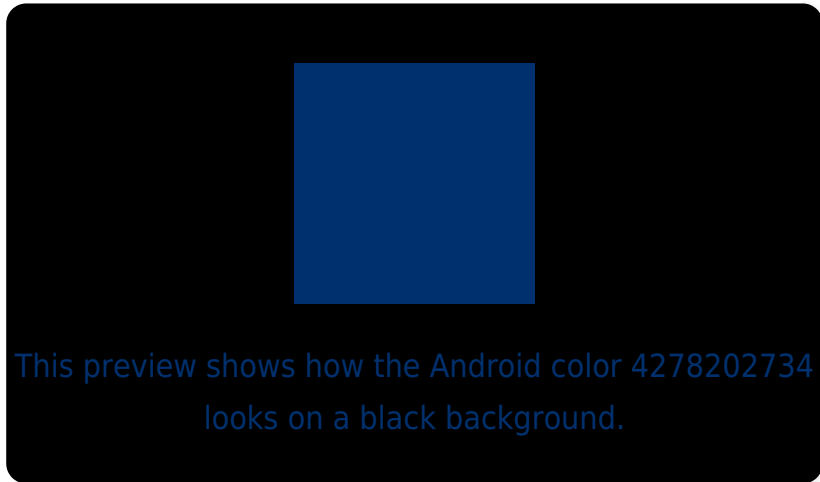
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278202734 Background



This preview shows how black text looks on a background with the Android color 4278202734.



This preview shows how white text looks on a background with the Android color 4278202734.

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
4278202734

Protanopia
4278202986

Deuteranopia
4278203739

Trichromacy



Original Color

4278202734

Protanomaly

4278202987

Deuteranomaly

4278203490

Tritanomaly

4278204239

Monochromacy



Original Color

4278202734

Achromatopsia

4280887593

Achromatomaly

4279905346

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202734 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, 49, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 110)  
}
```

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, 49, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 110) }
```

Border

The CSS property to change the border of an element to Android 4278202734 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, 49, 110) }
```

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

```
.border{ border-color:rgb(0, 49, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 49, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 49, 110)  
}
```

Background

The CSS property to change the background color of an element to Android 4278202734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 110) }
```

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

```
.background{ background-color: rgb(0, 49,  
110) }
```

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