

# Converting Colors

Android(4278202226)

Have a look what the booklet for  
Android(4278202226) contains.

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# Color

**Android(4278202226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	002F72
RGB	0, 47, 114
RGB Percent	0%, 18%, 45%
CMY	1.0000, 0.8157, 0.5529
CMYK	1.00, 0.59, 0.00, 0.55
HSL	215°, 100%, 22%
HSV	215°, 100%, 45%
XYZ	4.0538, 3.2479, 16.3328
YIQ	40.5850, -49.5190, 10.8730

# Conversions

## Conversions Part 2

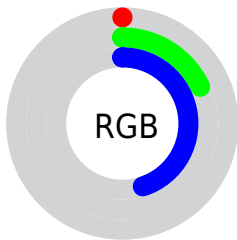
Format	Color
<a href="#">RYB</a>	<a href="#">0, 33, 114</a>
Decimal	<a href="#">12146</a>
CIELab	<a href="#">21.01, 15.16, -42.46</a>
CIELCh	<a href="#">21, 45.082, 289.657</a>
Yxy	<a href="#">3.2479, 0.1715, 0.1374</a>
Android (android.graphics.Color)	<a href="#">4278202226 (0xFF002F72)</a>
YUV	<a href="#">40.5850, 36.1936, -35.5930</a>
Hunter-Lab	<a href="#">18.0220, 8.6123, -41.1174</a>

# Details

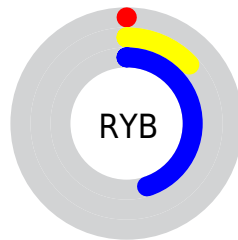
The Android color **4278202226** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285678336**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4282997927**, and **4278190145** is the 20% darker color. If you saturate the color by 10%, you get **4278202226**, and if you desaturate by 10%, it is **4278924914**.

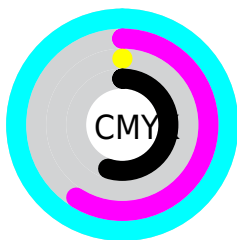
# Distribution



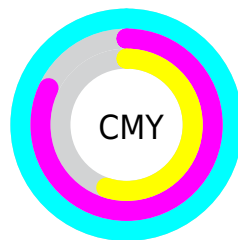
- Red (0%)
- Green (18%)
- Blue (45%)



- Red (0%)
- Yellow (13%)
- Blue (45%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (82%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278202226 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 4278202226 by changing the saturation by 10% instead.



 4278202226

 4278202226

4294967295

 4278197081

 4282997927

 4278190145

 4284773826

 4278190890

 4286615262

 4278190356

 4288457211

 4278190080

 4290299135

 4292206847

 4294114559

 4278202226

■ 4278924914

■ 4279712882

■ 4280435570

■ 4281223794

■ 4281946482

■ 4282668914

■ 4283457138

■ 4284179826

■ 4284967794

# Harmonies

## Analogous

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



4278205045



4278202226



4283243614

# Triad

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



4278202226



4284423168



4278206501

# Complementary

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



4278202226



4285678336

# 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.



4278205696



4278202226



4282985728

# Square

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



4278202226



4285137695



4281022208



4278206536

# Rectangle

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



4278202226



4284549962



4281022208



4278206234



# Sweetspot

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



4278202226



4285037204



4278219331



4281285194



4291414473



4283058762



# Same Dimension

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



4278202226



4278205844



4278845554



4281480504



4278202744



4278216439



# Inverse Universe

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



4285661231



4287889469



4285100544



4281872949



4286054449



4294377574



# Previews

## White Background



This preview shows how the Android color 4278202226 looks on a white background.

## Color Contrast Check

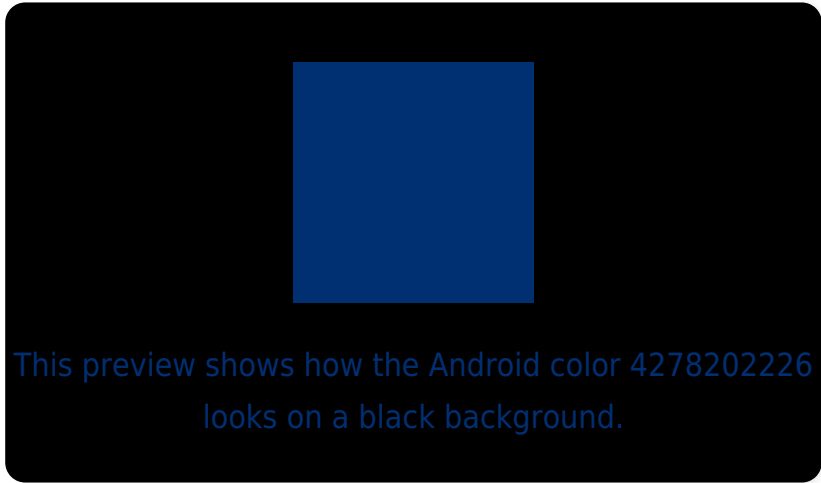
Large Text (above 18pt) WCAG AA ✓ Pass

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

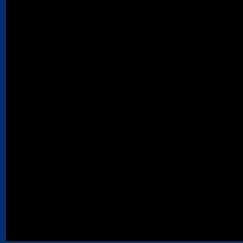
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278202226 Background



This preview shows how black text looks on a background with the Android color 4278202226.



This preview shows how white text looks on a background with the Android color 4278202226.

# 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**

4278202226

**Protanopia**

4278202729

**Deuteranopia**

4278203738



# Trichromacy



**Original Color**

4278202226

**Protanomaly**

4278202476

**Deuteranomaly**

4278203235

**Tritanomaly**

4278203728

# Monochromacy



**Original Color**

4278202226

**Achromatopsia**

4280887593

**Achromatomaly**

4279905092

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278202226 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, 47, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 114)  
}
```

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, 47, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 114) }
```

## Border

The CSS property to change the border of an element to Android 4278202226 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, 47, 114) }
```

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

```
.border{ border-color:rgb(0, 47, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 47, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 47, 114)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278202226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 114) }
```

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

```
.background{ background-color: rgb(0, 47,  
114) }
```

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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