

Converting Colors

Android(4278202225)

Have a look what the booklet for
Android(4278202225) contains.

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Color

Android(4278202225)

Conversions

Conversions Part 1

Format	Color
Hex	002F71
RGB	0, 47, 113
RGB Percent	0%, 18%, 44%
CMY	1.0000, 0.8157, 0.5569
CMYK	1.00, 0.58, 0.00, 0.56
HSL	215°, 100%, 22%
HSV	215°, 100%, 44%
XYZ	3.9972, 3.2253, 16.0347
YIQ	40.4710, -49.1980, 10.5620

Conversions

Conversions Part 2

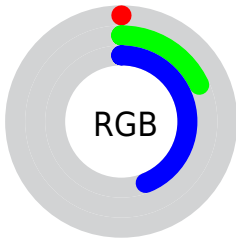
Format	Color
RYB	0, 33, 113
Decimal	12145
CIELab	20.92, 14.72, -41.95
CIELCh	21, 44.460, 289.333
Yxy	3.2253, 0.1719, 0.1387
Android (android.graphics.Color)	4278202225 (0xFF002F71)
YUV	40.4710, 35.7568, -35.4931
Hunter-Lab	17.9591, 8.3004, -40.3654

Details

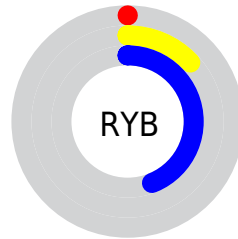
The Android color `4278202225` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4285612544`, and the grayscale version is `4280821800`.

A 20% lighter version of the original color is `4282932390`, and `4278190144` is the 20% darker color. If you saturate the color by 10%, you get `4278202225`, and if you desaturate by 10%, it is `4278924913`.

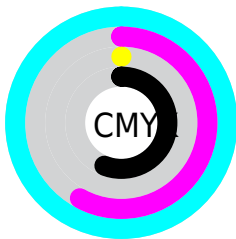
Distribution



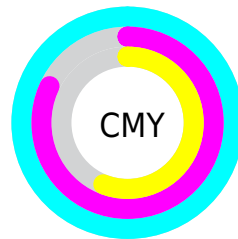
- Red (0%)
- Green (18%)
- Blue (44%)



- Red (0%)
- Yellow (13%)
- Blue (44%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202225 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 4278202225 by changing the saturation by 10% instead.

 4278202225

 4278202225

4294967295

 4278197080

 4282932390

 4278190144

 4284773825

 4278190889

 4286549725

 4278190355

 4288391674

 4278190080

 4290299135

 4292141311

 4294114559

 4278202225

■ 4278924913

■ 4279712881

■ 4280435569

■ 4281158001

■ 4281946225

■ 4282668913

■ 4283391345

■ 4284114033

■ 4284902001

Harmonies

Analogous

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



4278205043



4278202225



4283243870

Triad

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



4278202225



4284423168



4278206245

Complementary

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



4278202225



4285612544

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



4278202225



4282985728

Square

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



4278202225



4285137951



4281087744



4278206535

Rectangle

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



4278202225



4284484682



4281087744



4278206233

Sweetspot

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



4278202225



4285037204



4278219074



4281285194



4291414473



4283058762

Same Dimension

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



4278202225



4278206100



4278780017



4281480504



4278203000



4278216695

Inverse Universe

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



4285595695



4287889470



4285034752



4281872949



4286054450



4294377575

Previews

White Background



This preview shows how the Android color 4278202225 looks on a white background.

Color Contrast Check

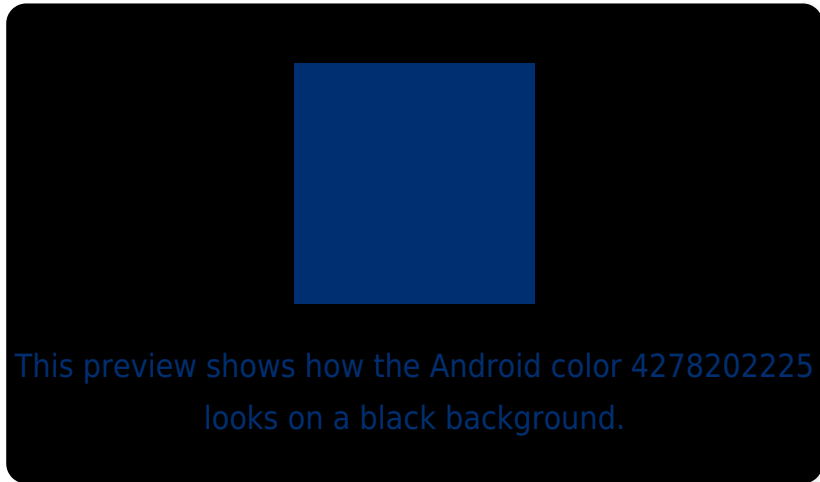
Large Text (above 18pt) WCAG AA ✓ Pass

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

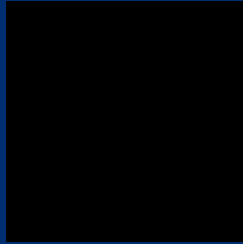
Any Text WCAG AA × Fail

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 4278202225 Background



This preview shows how black text looks on a background with the Android color 4278202225.



This preview shows how white text looks on a background with the Android color 4278202225.

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
4278202225

Protanopia
4278202729

Deuteranopia
4278203738

Trichromacy



Original Color

4278202225

Protanomaly

4278202476

Deuteranomaly

4278203234

Tritanomaly

4278203727

Monochromacy



Original Color

4278202225

Achromatopsia

4280821800

Achromatomaly

4279839555

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202225 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 113) }
```

Border

The CSS property to change the border of an element to Android 4278202225 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, 113) }
```

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

```
.border{ border-color:rgb(0, 47, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 47, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 47, 113)  
}
```

Background

The CSS property to change the background color of an element to Android 4278202225 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, 113) }
```

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

```
.background{ background-color: rgb(0, 47,  
113) }
```

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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