

Converting Colors

Hex(222743)

Have a look what the booklet for
Hex(222743) contains.

Hex(222743)	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

Hex(222743)

Conversions

Conversions Part 1

Format	Color
Hex	222743
RGB	34, 39, 67
RGB Percent	13%, 15%, 26%
CMY	0.8667, 0.8471, 0.7373
CMYK	0.49, 0.42, 0.00, 0.74
HSL	231°, 33%, 20%
HSV	231°, 49%, 26%
XYZ	2.3983, 2.1964, 5.6077
YIQ	40.6970, -11.9680, 7.6480

Conversions

Conversions Part 2

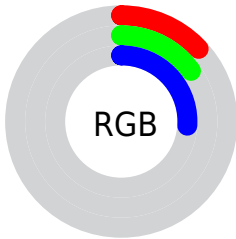
Format	Color
RYB	34, 38, 67
Decimal	2238275
CIELab	16.49, 6.63, -18.40
CIELCh	16, 19.559, 289.811
Yxy	2.1964, 0.2351, 0.2153
Android (android.graphics.Color)	4280428355 (0xFF222743)
YUV	40.6970, 12.9674, -5.8733
Hunter-Lab	14.8201, 2.9512, -12.0604

Details

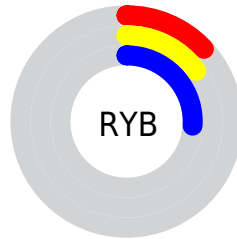
The Hex color **222743** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **433E22**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **505473**, and **000118** is the 20% darker color. If you saturate the color by 10%, you get **1B2143**, and if you desaturate by 10%, it is **292D43**.

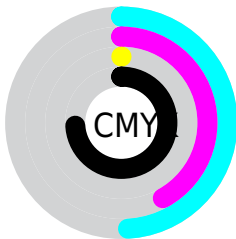
Distribution



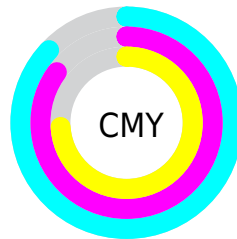
- Red (13%)
- Green (15%)
- Blue (26%)



- Red (13%)
- Yellow (15%)
- Blue (26%)



- Cyan (49%)
- Magenta (42%)
- Yellow (0%)
- Black (74%)



- Cyan (87%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222743 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 Hex color 222743 by changing the saturation by 10% instead.

■ 222743

■ 222743

FFFFFF

■ 0C132D

■ 505473

■ 000118

■ 696C8D

■ 000000

■ 8385A7

■ 9D9FC3

■ B8BADF

■ D4D6FB

■ F0F2FF

■ 222743

■ 222743

■ 1B2143

■ 292D43

■ 151C43

■ 2F3243

■ 0E1643

■ 363843

■ 071043

■ 3D3E43

■ 000B43

■ 444343

■ 000A43

■ 4A4943

■ 514F43

■ 585443

■ 5E5A43

Harmonies

Analogous

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



002C44



222743



35223B

Triad

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



222743



3F2114



003023

Complementary

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



222743



433E22

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.



182E16



222743



35260C

Square

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



222743



431D20



282B0D



003032

Rectangle

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



222743



3D1E33



282B0D



082F1F

Sweetspot

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



222743



4A4C57



22433D



24252B



ABABAB



2B2B2B

Same Dimension

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



222743



242B57



2D2243



1E1E21



000F61



0022E0

Inverse Universe

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



432227



57242B



384322



211E1E



61000F



E00022

Previews

White Background



This preview shows how the Hex color 222743 looks on a white background.

Color Contrast Check

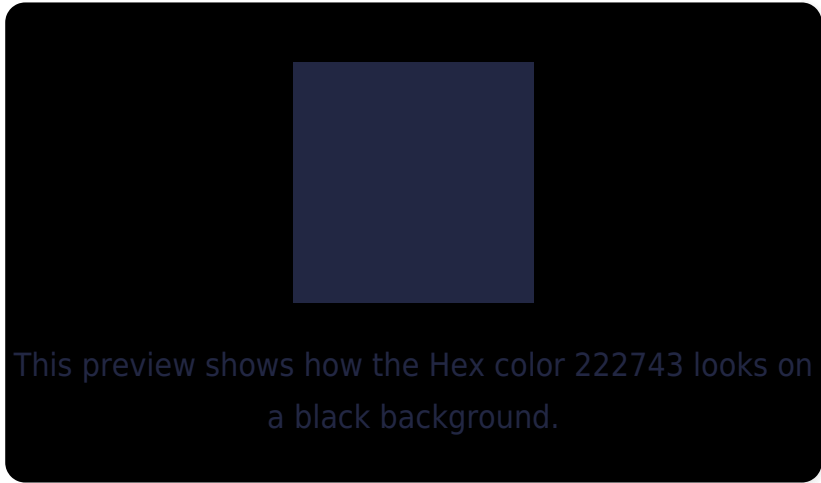
Large Text (above 18pt) WCAG AA ✓ Pass

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

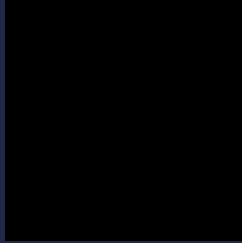
Any Text WCAG AA × Fail

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](#).

Hex 222743 Background



This preview shows how black text looks on a background with the Hex color 222743.



This preview shows how white text looks on a background with the Hex color 222743.

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
222743

Protanopia
1D2844

Deuteranopia
192943

Trichromacy



Original Color
222743

Protanomaly
1F2844

Deuteranomaly
1C2843

Tritanomaly
1E2A36

Monochromacy



Original Color
222743

Achromatopsia
292929

Achromatomaly
262832

CSS Examples

Text

The CSS property to change the color of the text to Hex 222743 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 #222743 looks like.

```
.text, #text, p{  
    color:#222743  
}
```

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 #222743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222743
}
```

Border

The CSS property to change the border of an element to Hex 222743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

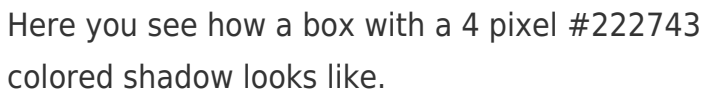
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222743 }
```

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

```
.border{ border-color:#222743 }
```

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



Here you see how a box with a 4 pixel #222743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222743; -webkit-box-shadow:4px 4px  
4px 4px #222743; box-shadow:4px 4px 4px  
4px #222743 }
```

Background

The CSS property to change the background color of an element to Hex 222743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222743 }
```

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

```
.background{ background-color:#222743 }
```

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