

Converting Colors

Hex(222735)

Have a look what the booklet for
Hex(222735) contains.

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Color

Hex(222735)

Conversions

Conversions Part 1

Format	Color
Hex	222735
RGB	34, 39, 53
RGB Percent	13%, 15%, 21%
CMY	0.8667, 0.8471, 0.7922
CMYK	0.36, 0.26, 0.00, 0.79
HSL	224°, 22%, 17%
HSV	224°, 36%, 21%
XYZ	2.0278, 2.0482, 3.6566
YIQ	39.1010, -7.4740, 3.2940

Conversions

Conversions Part 2

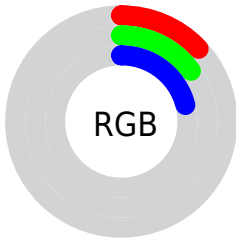
Format	Color
RYB	34, 38, 53
Decimal	2238261
CIELab	15.74, 1.87, -9.81
CIELCh	16, 9.983, 280.819
Yxy	2.0482, 0.2622, 0.2649
Android (android.graphics.Color)	4280428341 (0xFF222735)
YUV	39.1010, 6.8522, -4.4736
Hunter-Lab	14.3114, 0.2471, -5.1308

Details

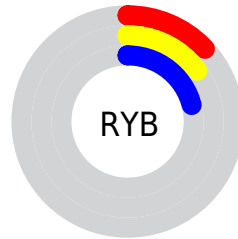
The Hex color **222735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353022**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4F5464**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **1D2335**, and if you desaturate by 10%, it is **272B35**.

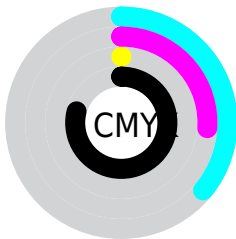
Distribution



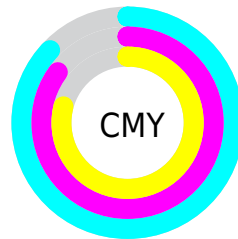
- Red (13%)
- Green (15%)
- Blue (21%)



- Red (13%)
- Yellow (15%)
- Blue (21%)



- Cyan (36%)
- Magenta (26%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222735 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 222735 by changing the saturation by 10% instead.

■ 222735

■ 222735

FFFFFF

■ 0D1220

■ 4F5464

■ 000006

■ 676C7D

■ 000000

■ 808596

■ 9A9FB1

■ B5BACD

■ D1D6E9

■ EDF2FF

■ 222735

■ 222735

■ 1D2335

■ 272B35

■ 171F35

■ 2D2F35

■ 121B35

■ 323335

■ 0D1735

■ 373735

■ 071335

■ 3D3B35

■ 021035

■ 423E35

■ 000E35

■ 474235

■ 4C4635

■ 524A35

Harmonies

Analogous

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



182934



222735



2C2532

Triad

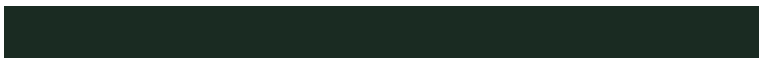
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222735



35231E



1A2B22

Complementary

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



222735



353022

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.



222A1C



222735



30251A

Square

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



222735



352225



2A2819



132B2A

Rectangle

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



222735



30232E



2A2819



1C2A20

Sweetspot

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



222735



3D3F45



223530



1F2024



A3A3A3



242424

Same Dimension

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



222735



272F45



262235



17181A



001759



0039D9

Inverse Universe

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



352227



45272F



313522



1A1718



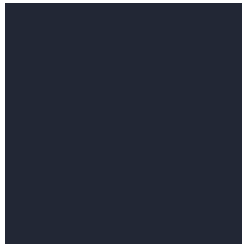
590017



D90039

Previews

White Background



This preview shows how the Hex color 222735 looks on a white background.

Color Contrast Check

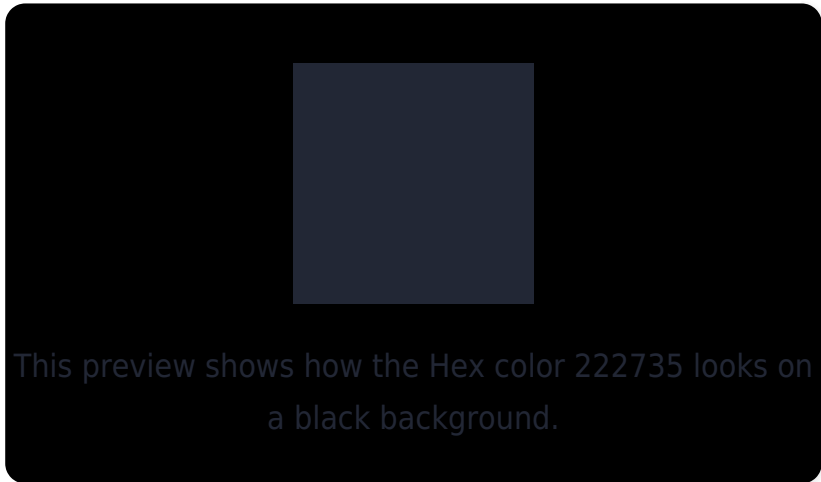
Large Text (above 18pt) WCAG AA ✓ Pass

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

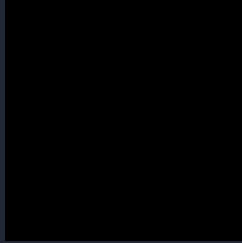
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

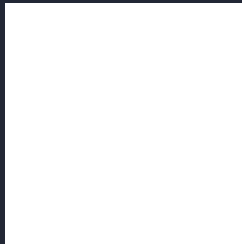
Any Text WCAG AAA × Fail

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

Hex 222735 Background



This preview shows how black text looks on a background with the Hex color 222735.



This preview shows how white text looks on a background with the Hex color 222735.

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
222735

Protanopia
232735

Deuteranopia
232735

Trichromacy



Original Color
222735

Protanomaly
232735

Deuteranomaly
232735

Tritanomaly
21282F

Monochromacy



Original Color
222735

Achromatopsia
272727

Achromatomaly
25272C

CSS Examples

Text

The CSS property to change the color of the text to Hex 222735 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 #222735 looks like.

```
.text, #text, p{  
    color:#222735  
}
```

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 #222735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222735
}
```

Border

The CSS property to change the border of an element to Hex 222735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

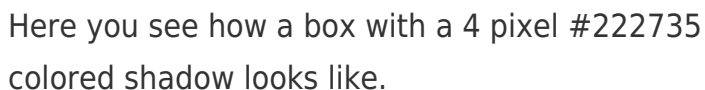
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222735 }
```

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

```
.border{ border-color:#222735 }
```

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



Here you see how a box with a 4 pixel #222735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222735; -webkit-box-shadow:4px 4px  
4px 4px #222735; box-shadow:4px 4px 4px  
4px #222735 }
```

Background

The CSS property to change the background color of an element to Hex 222735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222735 }
```

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

```
.background{ background-color:#222735 }
```

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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