

Converting Colors

Hex(222B69)

Have a look what the booklet for
Hex(222B69) contains.

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Color

Hex(222B69)

Conversions

Conversions Part 1

Format	Color
Hex	222B69
RGB	34, 43, 105
RGB Percent	13%, 17%, 41%
CMY	0.8667, 0.8314, 0.5882
CMYK	0.68, 0.59, 0.00, 0.59
HSL	232°, 51%, 27%
HSV	232°, 68%, 41%
XYZ	4.0734, 3.0878, 13.7459
YIQ	47.3770, -25.2660, 17.3740

Conversions

Conversions Part 2

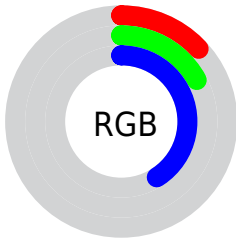
Format	Color
RYB	34, 42, 105
Decimal	2239337
CIELab	20.39, 18.11, -37.59
CIELCh	20, 41.723, 295.729
Yxy	3.0878, 0.1948, 0.1477
Android (android.graphics.Color)	4280429417 (0xFF222B69)
YUV	47.3770, 28.4081, -11.7316
Hunter-Lab	17.5720, 10.6270, -34.0799

Details

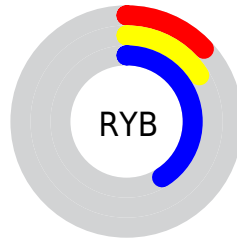
The Hex color **222B69** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **696022**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **57589D**, and **000039** is the 20% darker color. If you saturate the color by 10%, you get **172269**, and if you desaturate by 10%, it is **2C3469**.

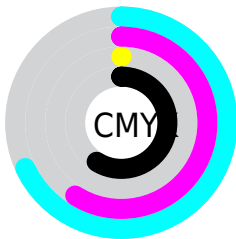
Distribution



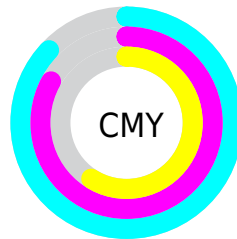
- Red (13%)
- Green (17%)
- Blue (41%)



- Red (13%)
- Yellow (16%)
- Blue (41%)



- Cyan (68%)
- Magenta (59%)
- Yellow (0%)
- Black (59%)



- Cyan (87%)
- Magenta (83%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222B69 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 222B69 by changing the saturation by 10% instead.

■ 222B69

■ 222B69

FFFFFF

■ 001750

■ 57589D

■ 000039

■ 7271B8

■ 000223

■ 8D8AD4

■ 000009

■ A8A4F0

■ 000000

■ C4BFFF

■ E1DBFF

■ FEF8FF

■ 222B69

■ 222B69

■ 172269

■ 2C3469

■ 0D1969

■ 373D69

■ 030F69

■ 424769

■ 000D69

■ 4C5069

■ 565969

■ 616269

■ 6B6B69

■ 767469

■ 817E69

Harmonies

Analogous

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



00376F



222B69



511954

Triad

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



222B69



582000



003E2C

Complementary

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



222B69



696022

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.



003C0A



222B69



412E00

Square

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



222B69



640E19



253700



003E4B

Rectangle

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



222B69



5F0C41



253700



003D21

Sweetspot

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



222B69



6E728A



226960



343645



C4C4C4



454545

Same Dimension

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



222B69



1A288A



3C2269



303136



000F75



001FF5

Inverse Universe

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



69222B



8A1A28



4F6922



363031



75000F



F5001F

Previews

White Background



This preview shows how the Hex color 222B69 looks on a white background.

Color Contrast Check

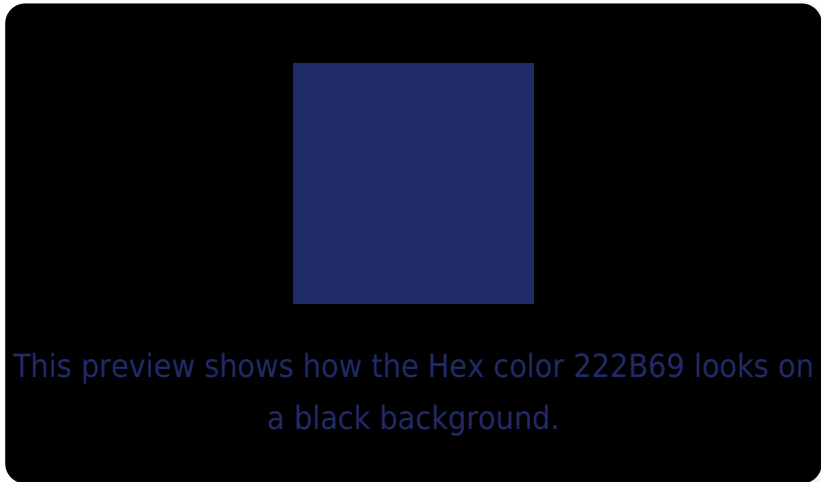
Large Text (above 18pt) WCAG AA ✓ Pass

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

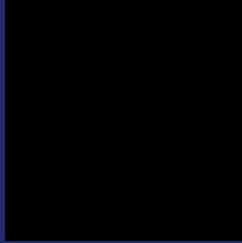
Any Text WCAG AA × Fail

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 222B69 Background



This preview shows how black text looks on a background with the Hex color 222B69.



This preview shows how white text looks on a background with the Hex color 222B69.

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
222B69

Protanopia
003065

Deuteranopia
003357



Tritanopia
00373B

Trichromacy



Original Color
222B69

Protanomaly
0C2E66

Deuteranomaly
0C305E

Tritanomaly
0C334C

Monochromacy



Original Color
222B69

Achromatopsia
2F2F2F

Achromatomaly
2A2E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 222B69 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 #222B69 looks like.

```
.text, #text, p{  
    color:#222B69  
}
```

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 #222B69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222B69
}
```

Border

The CSS property to change the border of an element to Hex 222B69 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
#222B69 }
```

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

```
.border{ border-color:#222B69 }
```

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

Here you see how a box with a 4 pixel #222B69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222B69; -webkit-box-shadow:4px 4px  
4px 4px #222B69; box-shadow:4px 4px 4px  
4px #222B69 }
```

Background

The CSS property to change the background color of an element to Hex 222B69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222B69 }
```

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

```
.background{ background-color:#222B69 }
```

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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