

Converting Colors

Hex(222A57)

Have a look what the booklet for
Hex(222A57) contains.

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Color

Hex(222A57)

Conversions

Conversions Part 1

Format	Color
Hex	222A57
RGB	34, 42, 87
RGB Percent	13%, 16%, 34%
CMY	0.8667, 0.8353, 0.6588
CMYK	0.61, 0.52, 0.00, 0.66
HSL	231°, 44%, 24%
HSV	231°, 61%, 34%
XYZ	3.2080, 2.6841, 9.3658
YIQ	44.7380, -19.2130, 12.2990

Conversions

Conversions Part 2

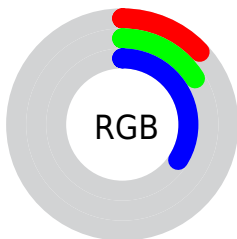
Format	Color
R_{YB}	34, 41, 87
Decimal	2239063
CIE _{Lab}	18.73, 11.88, -28.40
CIE _{LCh}	19, 30.788, 292.696
Yxy	2.6841, 0.2102, 0.1759
Android (android.graphics.Color)	4280429143 (0xFF222A57)
YUV	44.7380, 20.8352, -9.4172
Hunter-Lab	16.3833, 6.2806, -22.4259

Details

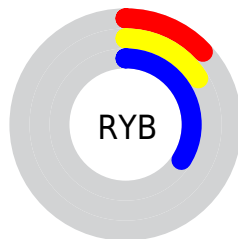
The Hex color **222A57** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **574F22**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **545789**, and **000029** is the 20% darker color. If you saturate the color by 10%, you get **192357**, and if you desaturate by 10%, it is **2B3157**.

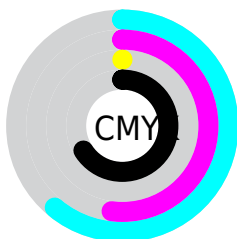
Distribution



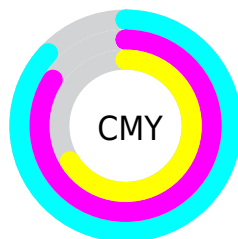
- Red (13%)
- Green (16%)
- Blue (34%)



- Red (13%)
- Yellow (16%)
- Blue (34%)



- Cyan (61%)
- Magenta (52%)
- Yellow (0%)
- Black (66%)



- Cyan (87%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222A57 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 222A57 by changing the saturation by 10% instead.

■ 222A57

■ 222A57

FFFFFF

■ 06163F

■ 545789

■ 000029

■ 6D6FA4

■ 000113

■ 8789BF

■ 000000

■ A2A3DB

■ BEBEF7

■ DADAFF

■ F7F6FF

■ 222A57

■ 222A57

■ 192357

■ 2B3157

■ 111B57

■ 333957

■ 081457

■ 3C4057

■ 000D57

■ 454857

■ 4E4F57

■ 565657

■ 5F5E57

■ 686557

■ 706C57

Harmonies

Analogous

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



00325A



222A57



432049

Triad

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



222A57



4D2108



003727

Complementary

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



222A57



574F22

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.



083611



222A57



3E2B00

Square

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



222A57



55181E



293100



00383E

Rectangle

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



222A57



4F193B



293100



00371F

Sweetspot

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



222A57



5C5F70



22574E



2C2E38



B8B8B8



383838

Same Dimension

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



222A57



1E2B70



342257



27282B



00106B



0023EB

Inverse Universe

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



57222A



701E2B



455722



2B2728



6B0010



EB0023

Previews

White Background



This preview shows how the Hex color 222A57 looks on a white background.

Color Contrast Check

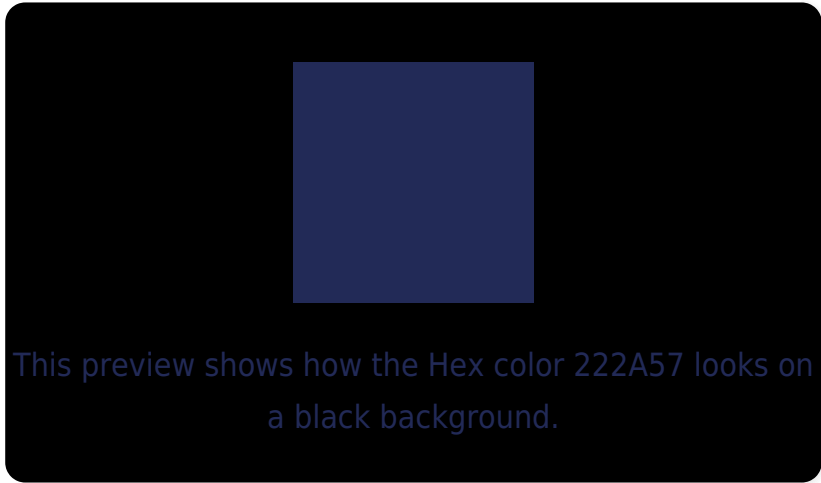
Large Text (above 18pt) WCAG AA ✓ Pass

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

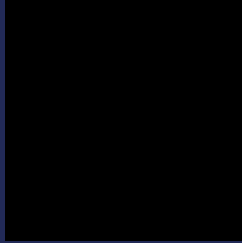
Any Text WCAG AA × Fail

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 222A57 Background



This preview shows how black text looks on a background with the Hex color 222A57.



This preview shows how white text looks on a background with the Hex color 222A57.

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
222A57

Protanopia
122C59

Tritanopia
123236

Trichromacy



Original Color
222A57

Protanomaly
182B58

Tritanomaly
182F42

Monochromacy



Original Color
222A57

Achromatopsia
2D2D2D

Achromatomaly
292C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 222A57 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 #222A57 looks like.

```
.text, #text, p{  
    color:#222A57  
}
```

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 #222A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222A57
}
```

Border

The CSS property to change the border of an element to Hex 222A57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

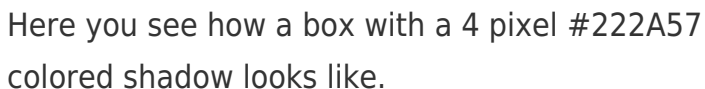
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222A57 }
```

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

```
.border{ border-color:#222A57 }
```

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



Here you see how a box with a 4 pixel #222A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222A57; -webkit-box-shadow:4px 4px  
4px 4px #222A57; box-shadow:4px 4px 4px  
4px #222A57 }
```

Background

The CSS property to change the background color of an element to Hex 222A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222A57 }
```

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

```
.background{ background-color:#222A57 }
```

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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