

Converting Colors

Hex(222177)

Have a look what the booklet for
Hex(222177) contains.

Hex(222177)	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(222177)

Conversions

Conversions Part 1

Format	Color
Hex	222177
RGB	34, 33, 119
RGB Percent	13%, 13%, 47%
CMY	0.8667, 0.8706, 0.5333
CMYK	0.71, 0.72, 0.00, 0.53
HSL	241°, 57%, 30%
HSV	241°, 72%, 47%
XYZ	4.5333, 2.7597, 17.7465
YIQ	43.1030, -27.0100, 26.9580

Conversions

Conversions Part 2

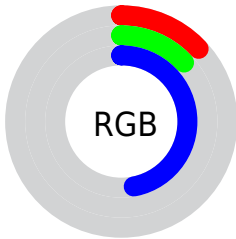
Format	Color
R_{YB}	34, 33, 119
Decimal	2236791
CIE _{Lab}	19.05, 30.23, -48.81
CIE _{LCh}	19, 57.412, 301.772
Yxy	2.7597, 0.1810, 0.1102
Android (android.graphics.Color)	4280426871 (0xFF222177)
YUV	43.1030, 37.4172, -7.9833
Hunter-Lab	16.6124, 19.6389, -51.7092

Details

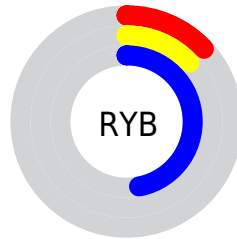
The Hex color **222177** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **767721**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5C4EAC**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **161577**, and if you desaturate by 10%, it is **2E2D77**.

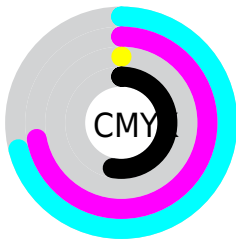
Distribution



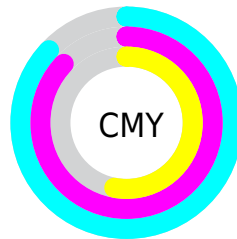
- Red (13%)
- Green (13%)
- Blue (47%)



- Red (13%)
- Yellow (13%)
- Blue (47%)



- Cyan (71%)
- Magenta (72%)
- Yellow (0%)
- Black (53%)



- Cyan (87%)
- Magenta (87%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222177 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 222177 by changing the saturation by 10% instead.

■ 222177

■ 222177

FFFFFF

■ 000C5E

■ 5C4EAC

■ 000046

■ 7766C8

■ 00042E

■ 937FE4

■ 000118

■ AF9AFF

■ 000000

■ CBB4FF

■ E8D0FF

■ FFECFF

■ 222177

■ 222177

■ 161577

■ 2E2D77

■ 0A0977

■ 3A3977

■ 010077

■ 454577

■ 515177

■ 5D5D77

■ 696877

■ 747477

■ 808077

■ 8C8C77

Harmonies

Analogous

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



003484



222177



5F0057

Triad

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



222177



581A00



003D30

Complementary

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



222177



767721

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.



003C00



222177



382E00

Square

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



222177



6D0000



043700



003E5A

Rectangle

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



222177



6E003C



043700



003D21

Sweetspot

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



222177



7A799C



217777



3B3A4F



CFCFCF



4F4F4F

Same Dimension

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



222177



16149C



4C2177



35353B



01007A



0300FA

Inverse Universe

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



772176



9C149A



4C7721



3B353B



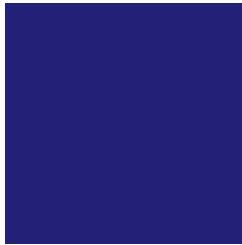
7A0079



FA00F7

Previews

White Background



This preview shows how the Hex color 222177 looks on a white background.

Color Contrast Check

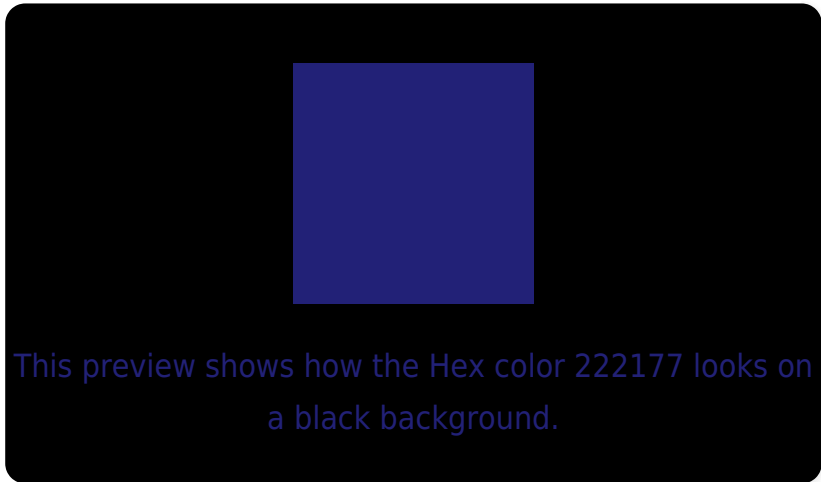
Large Text (above 18pt) WCAG AA ✓ Pass

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

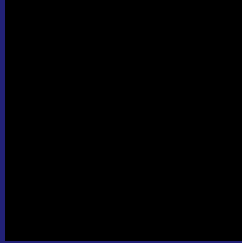
Any Text WCAG AA × Fail

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 222177 Background



This preview shows how black text looks on a background with the Hex color 222177.



This preview shows how white text looks on a background with the Hex color 222177.

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
222177

Protanopia
002D5F

Deuteranopia
003051

Trichromacy



Original Color
222177

Protanomaly
0C2968

Deuteranomaly
0C2B5F

Tritanomaly
0C2D4E

Monochromacy



Original Color
222177

Achromatopsia
2B2B2B

Achromatomaly
282747

CSS Examples

Text

The CSS property to change the color of the text to Hex 222177 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 #222177 looks like.

```
.text, #text, p{  
  color:#222177  
}
```

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 #222177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222177  
}
```

Border

The CSS property to change the border of an element to Hex 222177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

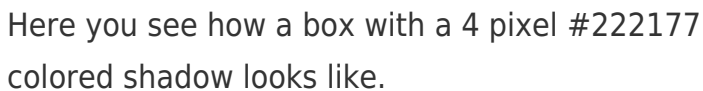
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#222177 }
```

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

```
.border{ border-color:#222177 }
```

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



Here you see how a box with a 4 pixel #222177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222177; -webkit-box-shadow:4px 4px  
4px 4px #222177; box-shadow:4px 4px 4px  
4px #222177 }
```

Background

The CSS property to change the background color of an element to Hex 222177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222177 }
```

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

```
.background{ background-color:#222177 }
```

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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