

Converting Colors

Hex(222073)

Have a look what the booklet for
Hex(222073) contains.

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Color

Hex(222073)

Conversions

Conversions Part 1

Format	Color
Hex	222073
RGB	34, 32, 115
RGB Percent	13%, 13%, 45%
CMY	0.8667, 0.8745, 0.5490
CMYK	0.70, 0.72, 0.00, 0.55
HSL	241°, 56%, 29%
HSV	241°, 72%, 45%
XYZ	4.2707, 2.6109, 16.4985
YIQ	42.0600, -25.4510, 26.2370

Conversions

Conversions Part 2

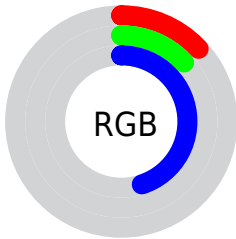
Format	Color
R_{YB}	34, 32, 115
Decimal	2236531
CIE _{Lab}	18.41, 29.42, -47.29
CIE _{LCh}	18, 55.699, 301.889
Yxy	2.6109, 0.1827, 0.1117
Android (android.graphics.Color)	4280426611 (0xFF222073)
YUV	42.0600, 35.9594, -7.0686
Hunter-Lab	16.1583, 18.9013, -49.2275

Details

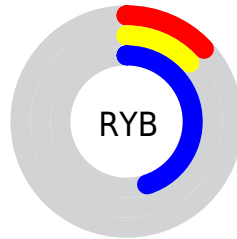
The Hex color **222073** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **717320**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5B4DA8**, and **000042** is the 20% darker color. If you saturate the color by 10%, you get **171473**, and if you desaturate by 10%, it is **2D2B73**.

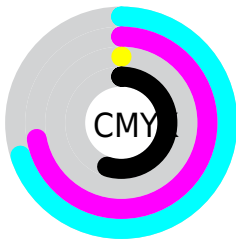
Distribution



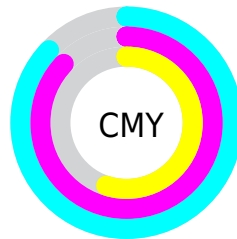
- Red (13%)
- Green (13%)
- Blue (45%)



- Red (13%)
- Yellow (13%)
- Blue (45%)



- Cyan (70%)
- Magenta (72%)
- Yellow (0%)
- Black (55%)



- Cyan (87%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222073 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 222073 by changing the saturation by 10% instead.

■ 222073

■ 222073

FFFFFF

■ 000C5A

■ 5B4DA8

■ 000042

■ 7665C3

■ 00032B

■ 917EE0

■ 000115

■ AD98FD

■ 000000

■ CAB3FF

■ E7CFFF

■ FFE8FF

■ 222073

■ 222073

■ 171473

■ 2D2B73

■ 0C0973

■ 383773

■ 030073

■ 444373

■ 4F4E73

■ 5A5A73

■ 656573

■ 717173

■ 7C7C73

■ 878873

Harmonies

Analogous

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



003380



222073



5C0054

Triad

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



222073



551900



003C2F

Complementary

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



222073



717320

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.



003A00



222073



362D00

Square

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



222073



6A0000



043600



003C57

Rectangle

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



222073



6B003A



043600



003B20

Sweetspot

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



222073



767596



207273



39394D



CCCCCC



4D4D4D

Same Dimension

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



222073



171496



4B2073



35353B



03007A



0600FA

Inverse Universe

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



732071



961493



487320



3B353B



7A0077



FA00F4

Previews

White Background



This preview shows how the Hex color 222073 looks on a white background.

Color Contrast Check

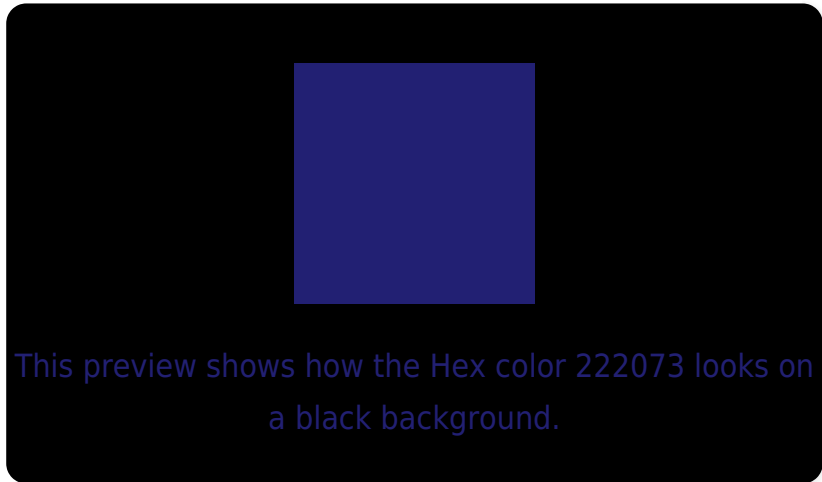
Large Text (above 18pt) WCAG AA ✓ Pass

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

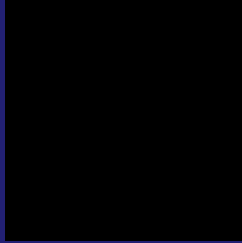
Any Text WCAG AA × Fail

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 222073 Background



This preview shows how black text looks on a background with the Hex color 222073.



This preview shows how white text looks on a background with the Hex color 222073.

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
222073

Protanopia
002C5C

Deuteranopia
002F4F

Trichromacy



Original Color
222073

Protanomaly
0C2864

Deuteranomaly
0C2A5C

Tritanomaly
0C2B4C

Monochromacy



Original Color
222073

Achromatopsia
2A2A2A

Achromatomaly
272645

CSS Examples

Text

The CSS property to change the color of the text to Hex 222073 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 #222073 looks like.

```
.text, #text, p{  
    color:#222073  
}
```

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 #222073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222073  
}
```

Border

The CSS property to change the border of an element to Hex 222073 is called "border". The border property can be set on classes, ids or directly on the HTML element.

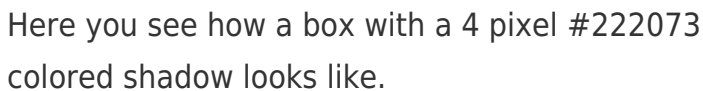
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#222073 }
```

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

```
.border{ border-color:#222073 }
```

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



Here you see how a box with a 4 pixel #222073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222073; -webkit-box-shadow:4px 4px  
4px 4px #222073; box-shadow:4px 4px 4px  
4px #222073 }
```

Background

The CSS property to change the background color of an element to Hex 222073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222073 }
```

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

```
.background{ background-color:#222073 }
```

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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