

Converting Colors

Hex(08237A)

Have a look what the booklet for
Hex(08237A) contains.

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Color

Hex(08237A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 08237A |
| RGB | 8, 35, 122 |
| RGB Percent | 3%, 14%, 48% |
| CMY | 0.9686, 0.8627, 0.5216 |
| CMYK | 0.93, 0.71, 0.00, 0.52 |
| HSL | 226°, 88%, 25% |
| HSV | 226°, 93%, 48% |
| XYZ | 4.2140, 2.6588, 18.7035 |
| YIQ | 36.8450, -44.0190, 21.3330 |

Conversions

Conversions Part 2

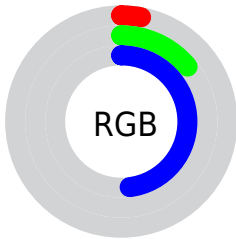
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 8, 30, 122 |
| Decimal | 533370 |
| CIELab | 18.62, 27.73, -51.48 |
| CIELCh | 19, 58.478, 298.309 |
| Yxy | 2.6588, 0.1648, 0.1040 |
| Android (android.graphics.Color) | 4278723450 (0xFF08237A) |
| YUV | 36.8450, 41.9814, -25.2971 |
| Hunter-Lab | 16.3059, 17.5953, -56.5936 |

Details

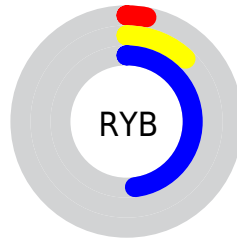
The Hex color **08237A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7A5F08**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4F4FAF**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **001D7A**, and if you desaturate by 10%, it is **142C7A**.

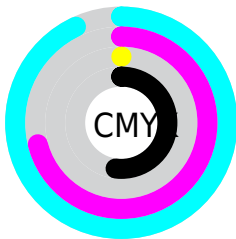
Distribution



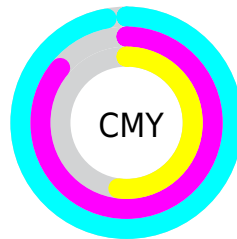
- Red (3%)
- Green (14%)
- Blue (48%)



- Red (3%)
- Yellow (12%)
- Blue (48%)



- Cyan (93%)
- Magenta (71%)
- Yellow (0%)
- Black (52%)



- Cyan (97%)
- Magenta (86%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08237A 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 08237A by changing the saturation by 10% instead.

■ 08237A

■ 08237A

FFFFFF

■ 000F61

■ 4F4FAF

■ 000048

■ 6C68CB

■ 000431

■ 8881E8

■ 00011B

■ A49BFF

■ 000000

■ C1B6FF

■ DED1FF

■ FBEDFF

■ 08237A

■ 08237A

■ 001D7A

■ 142C7A

■ 20367A

■ 2D3F7A

■ 39487A

■ 45527A

■ 515B7A

■ 5D647A

■ 6A6D7A

■ 76777A

Harmonies

Analogous

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



003585



08237A



5A005B

Triad

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



08237A



5A1400



003C2A

Complementary

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



08237A



7A5F08

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



08237A



3B2B00

Square

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



08237A



6E0004



0B3600



003D55

Rectangle

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



08237A



6C0040



0B3600



003C1B

Sweetspot

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



08237A



727C9E



087A5E



343B4F



CFCFCF



4F4F4F

Same Dimension

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



08237A



00259E



24087A



37393D



001E7D



003CFC

Inverse Universe

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



7A0823



9E0025



5E7A08



3D3739



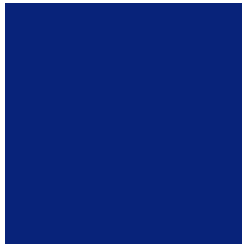
7D001E



FC003C

Previews

White Background



This preview shows how the Hex color 08237A looks on a white background.

Color Contrast Check

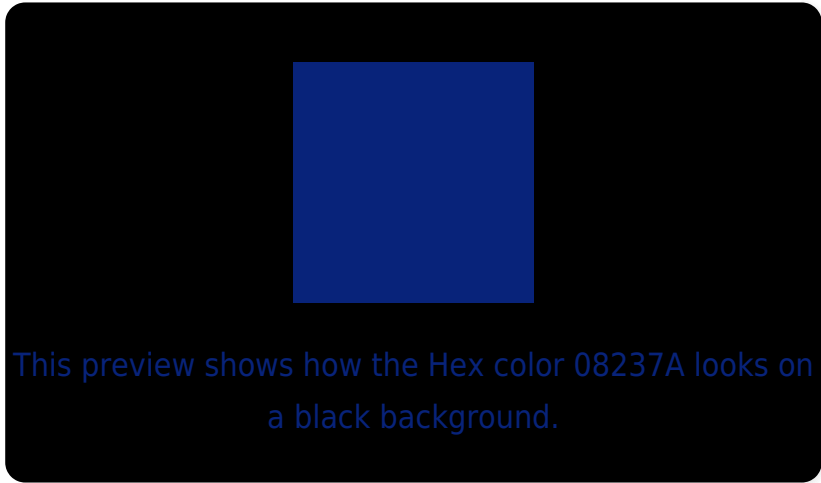
Large Text (above 18pt) WCAG AA ✓ Pass

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

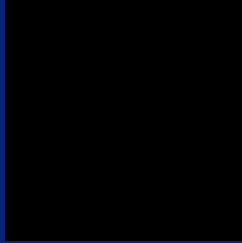
Any Text WCAG AA × Fail

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 08237A Background



This preview shows how black text looks on a background with the Hex color 08237A.



This preview shows how white text looks on a background with the Hex color 08237A.

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
08237A

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



Original Color
08237A

Protanomaly
032968

Deuteranomaly
032B5F

Tritanomaly
032D4F

Monochromacy



Original Color
08237A

Achromatopsia
252525

Achromatomaly
1A2444

CSS Examples

Text

The CSS property to change the color of the text to Hex 08237A 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 #08237A looks like.

```
.text, #text, p{  
    color:#08237A  
}
```

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 #08237A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08237A
}
```

Border

The CSS property to change the border of an element to Hex 08237A is called "border". The border property can be set on classes, ids or directly on the HTML element.

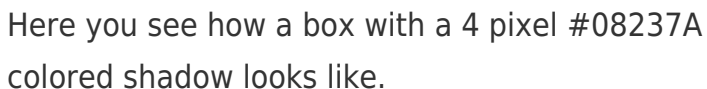
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#08237A }
```

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

```
.border{ border-color:#08237A }
```

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



Here you see how a box with a 4 pixel #08237A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08237A; -webkit-box-shadow:4px 4px  
4px 4px #08237A; box-shadow:4px 4px 4px  
4px #08237A }
```

Background

The CSS property to change the background color of an element to Hex 08237A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08237A }
```

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

```
.background{ background-color:#08237A }
```

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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