

Converting Colors

Hex(08225A)

Have a look what the booklet for
Hex(08225A) contains.

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Color

Hex(08225A)

Conversions

Conversions Part 1

Format	Color
Hex	08225A
RGB	8, 34, 90
RGB Percent	3%, 13%, 35%
CMY	0.9686, 0.8667, 0.6471
CMYK	0.91, 0.62, 0.00, 0.65
HSL	221°, 84%, 19%
HSV	221°, 91%, 35%
XYZ	2.5176, 1.9339, 9.9134
YIQ	32.6100, -33.4720, 11.9040

Conversions

Conversions Part 2

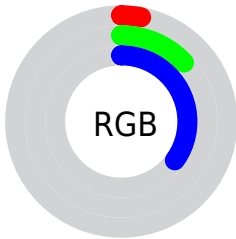
Format	Color
RYB	8, 28, 90
Decimal	533082
CIELab	15.14, 14.84, -36.29
CIELCh	15, 39.207, 292.238
Yxy	1.9339, 0.1753, 0.1346
Android (android.graphics.Color)	4278723162 (0xFF08225A)
YUV	32.6100, 28.2933, -21.5830
Hunter-Lab	13.9063, 7.9799, -32.5317

Details

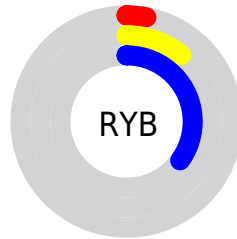
The Hex color **08225A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A4008**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **444E8D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **001D5A**, and if you desaturate by 10%, it is **11285A**.

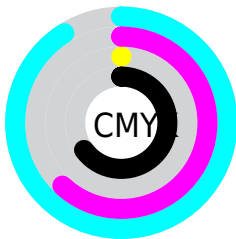
Distribution



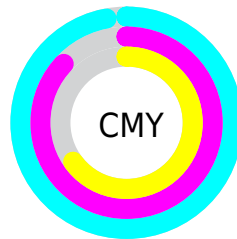
- Red (3%)
- Green (13%)
- Blue (35%)



- Red (3%)
- Yellow (11%)
- Blue (35%)



- Cyan (91%)
- Magenta (62%)
- Yellow (0%)
- Black (65%)



- Cyan (97%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08225A 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 08225A by changing the saturation by 10% instead.

■ 08225A

■ 08225A

FFFFFF

■ 000D42

■ 444E8D

■ 00032B

■ 5F66A7

■ 000116

■ 797FC3

■ 000000

■ 9498DF

■ B0B3FC

■ CCCFFF

■ E9EBFF

■ 08225A

■ 08225A

■ 001D5A

■ 11285A

■ 1A2E5A

■ 23345A

■ 2C3B5A

■ 35415A

■ 3E475A

■ 474D5A

■ 50535A

■ 59595A

Harmonies

Analogous

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



002C5E



08225A



3F1148

Triad

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



08225A



4A1400



00311E

Complementary

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



08225A



5A4008

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.



002F00



08225A



362200

Square

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



08225A



540013



1D2B00



00313A

Rectangle

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



08225A



4E0238



1D2B00



003014

Sweetspot

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



08225A



566075



085A3F



282E3B



BABABA



3B3B3B

Same Dimension

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



08225A



002575



16085A



292B2E



00236E



004BED

Inverse Universe

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



5A0822



750025



4C5A08



2E292B



6E0023



ED004B

Previews

White Background



This preview shows how the Hex color 08225A looks on a white background.

Color Contrast Check

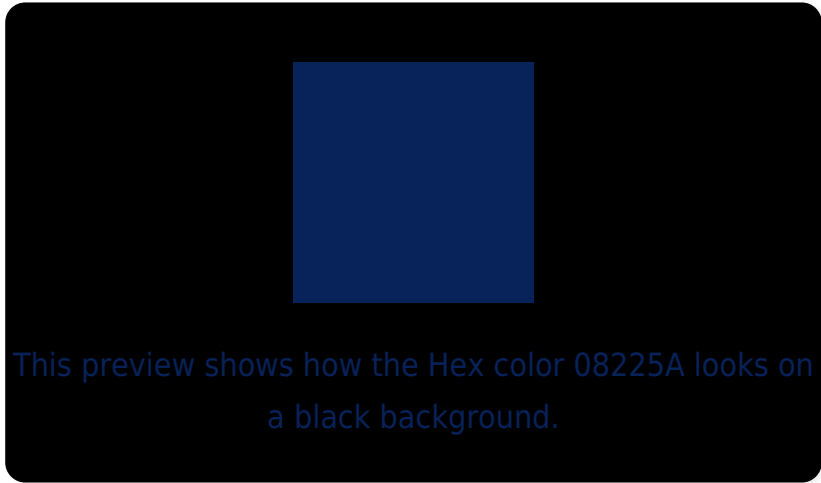
Large Text (above 18pt) WCAG AA ✓ Pass

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

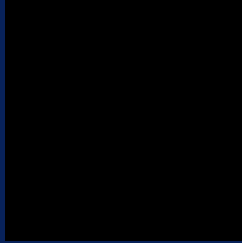
Any Text WCAG AA × Fail

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 08225A Background



This preview shows how black text looks on a background with the Hex color 08225A.



This preview shows how white text looks on a background with the Hex color 08225A.

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

08225A

Protanopia

00254F

Deuteranopia

002844



Tritanopia
002B2E

Trichromacy



Original Color
08225A

Protanomaly
032453

Deuteranomaly
03264C

Tritanomaly
03283E

Monochromacy



Original Color
08225A

Achromatopsia
212121

Achromatomaly
182136

CSS Examples

Text

The CSS property to change the color of the text to Hex 08225A 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 #08225A looks like.

```
.text, #text, p{  
    color:#08225A  
}
```

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 #08225A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08225A
}
```

Border

The CSS property to change the border of an element to Hex 08225A is called "border". The border property can be set on classes, ids or directly on the HTML element.

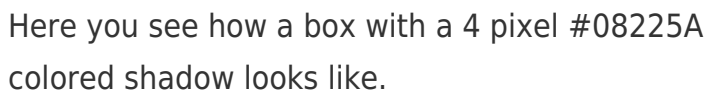
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#08225A }
```

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

```
.border{ border-color:#08225A }
```

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



Here you see how a box with a 4 pixel #08225A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08225A; -webkit-box-shadow:4px 4px  
4px 4px #08225A; box-shadow:4px 4px 4px  
4px #08225A }
```

Background

The CSS property to change the background color of an element to Hex 08225A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08225A }
```

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

```
.background{ background-color:#08225A }
```

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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