

Converting Colors

Hex(083D8A)

Have a look what the booklet for
Hex(083D8A) contains.

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Color

Hex(083D8A)

Conversions

Conversions Part 1

Format	Color
Hex	083D8A
RGB	8, 61, 138
RGB Percent	3%, 24%, 54%
CMY	0.9686, 0.7608, 0.4588
CMYK	0.94, 0.56, 0.00, 0.46
HSL	216°, 89%, 29%
HSV	216°, 94%, 54%
XYZ	6.3563, 5.2241, 24.7181
YIQ	53.9310, -56.3050, 12.7110

Conversions

Conversions Part 2

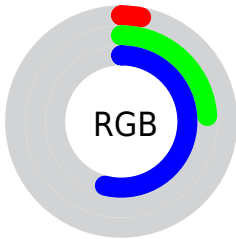
Format	Color
RYB	8, 46, 138
Decimal	540042
CIELab	27.36, 16.04, -47.24
CIELCh	27, 49.889, 288.752
Yxy	5.2241, 0.1751, 0.1439
Android (android.graphics.Color)	4278730122 (0xFF083D8A)
YUV	53.9310, 41.4460, -40.2815
Hunter-Lab	22.8563, 9.6424, -48.1203

Details

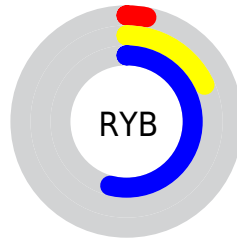
The Hex color **083D8A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8A5508**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **526CC0**, and **001557** is the 20% darker color. If you saturate the color by 10%, you get **00388A**, and if you desaturate by 10%, it is **16458A**.

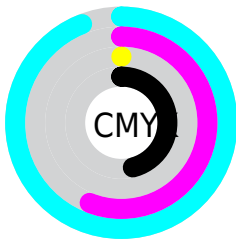
Distribution



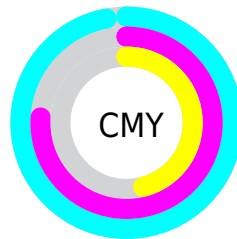
- Red (3%)
- Green (24%)
- Blue (54%)



- Red (3%)
- Yellow (18%)
- Blue (54%)



- Cyan (94%)
- Magenta (56%)
- Yellow (0%)
- Black (46%)



- Cyan (97%)
- Magenta (76%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 083D8A 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 083D8A by changing the saturation by 10% instead.

■ 083D8A

■ 083D8A

FFFFFF

■ 002870

■ 526CC0

■ 001557

■ 6F85DC

■ 00033F

■ 8B9FF9

■ 000328

■ A8BAFF

■ 000112

■ C5D5FF

■ 000000

■ E2F2FF

■ 083D8A

■ 083D8A

■ 00388A

■ 16458A

■ 244D8A

■ 31568A

■ 3F5E8A

■ 4D668A

■ 5B6E8A

■ 69768A

■ 767E8A

■ 84878A

Harmonies

Analogous

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



004A8C



083D8A



5F2974

Triad

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



083D8A



752703



005030

Complementary

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



083D8A



8A5508

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.



004D04



083D8A



5C3A00

Square

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



083D8A



820E2B



3A4600



005158

Rectangle

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



083D8A



75175D



3A4600



004F23

Sweetspot

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



083D8A



8195B3



088A54



3B4759



D9D9D9



595959

Same Dimension

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



083D8A



0049B3



13088A



3E4145



003685



000205

Inverse Universe

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



8A083D



B30049



7F8A08



453E41



850036



050002

Previews

White Background



This preview shows how the Hex color 083D8A looks on a white background.

Color Contrast Check

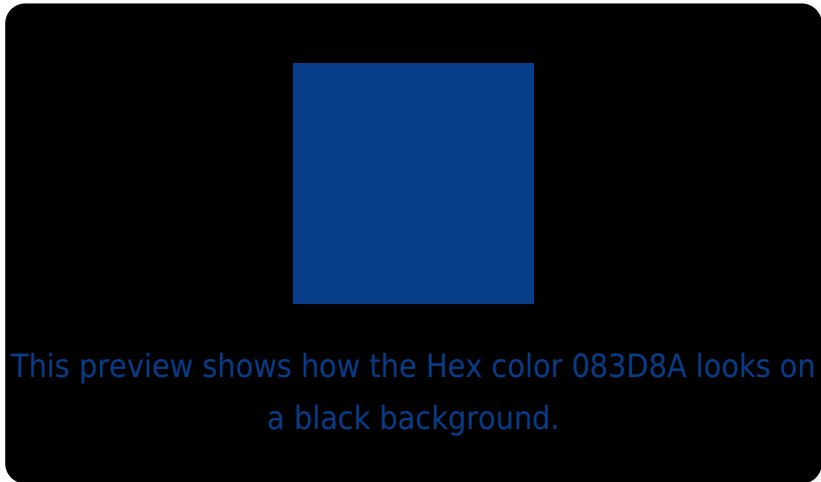
Large Text (above 18pt) WCAG AA ✓ Pass

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

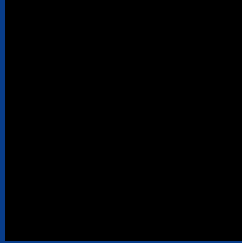
Any Text WCAG AA × Fail

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 083D8A Background



This preview shows how black text looks on a background with the Hex color 083D8A.



This preview shows how white text looks on a background with the Hex color 083D8A.

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


083D8A

Protanopia

003E85

Deuteranopia

004372



Tritanopia
00484D

Trichromacy



Original Color

083D8A

Protanomaly

033E87

Deuteranomaly

03417B

Tritanomaly

034463

Monochromacy



Original Color

083D8A

Achromatopsia

363636

Achromatomaly

253955

CSS Examples

Text

The CSS property to change the color of the text to Hex 083D8A 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 #083D8A looks like.

```
.text, #text, p{  
    color:#083D8A  
}
```

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 #083D8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #083D8A
}
```

Border

The CSS property to change the border of an element to Hex 083D8A 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
#083D8A }
```

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

```
.border{ border-color:#083D8A }
```

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

Here you see how a box with a 4 pixel #083D8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #083D8A; -webkit-box-shadow:4px 4px  
4px 4px #083D8A; box-shadow:4px 4px 4px  
4px #083D8A }
```

Background

The CSS property to change the background color of an element to Hex 083D8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#083D8A }
```

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

```
.background{ background-color:#083D8A }
```

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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