

# Converting Colors

Hex(013E8A)

Have a look what the booklet for  
Hex(013E8A) contains.

<b>Hex(013E8A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(013E8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	013E8A
RGB	1, 62, 138
RGB Percent	0%, 24%, 54%
CMY	0.9961, 0.7569, 0.4588
CMYK	0.99, 0.55, 0.00, 0.46
HSL	213°, 99%, 27%
HSV	213°, 99%, 54%
XYZ	6.3226, 5.2867, 24.7320
YIQ	52.4250, -60.7520, 10.7040

# Conversions

## Conversions Part 2

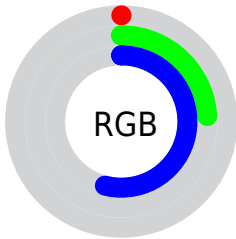
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	1, 43, 138
Decimal	81546
CIE Lab	27.54, 14.94, -46.97
CIE LCh	28, 49.284, 287.641
Yxy	5.2867, 0.1740, 0.1455
Android (android.graphics.Color)	4278271626 (0xFF013E8A)
YUV	52.4250, 42.1885, -45.0997
Hunter-Lab	22.9928, 8.8468, -47.6797

# Details

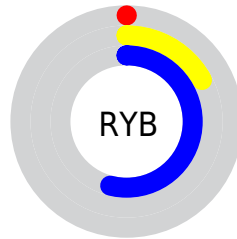
The Hex color **013E8A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8A4D01**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **506DC0**, and **001657** is the 20% darker color. If you saturate the color by 10%, you get **003D8A**, and if you desaturate by 10%, it is **0F468A**.

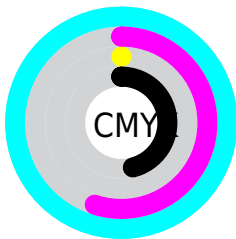
# Distribution



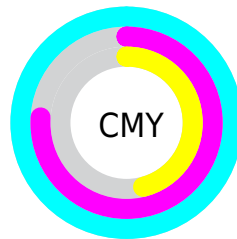
- Red (0%)
- Green (24%)
- Blue (54%)



- Red (0%)
- Yellow (17%)
- Blue (54%)



- Cyan (99%)
- Magenta (55%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (76%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 013E8A 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 013E8A by changing the saturation by 10% instead.





013E8A



013E8A

FFFFFF



002970



506DC0



001657



6D86DC



00033F



8AA0F9



000328



A6BBFF



000112



C3D6FF



000000



E0F3FF



FEFFFF



013E8A



013E8A

■ 003D8A

■ 0F468A

■ 1D4D8A

■ 2A558A

■ 385D8A

■ 46648A

■ 546C8A

■ 62748A

■ 6F7B8A

■ 7D838A

# Harmonies

## Analogous

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



004A8C



013E8A



5D2A75

# Triad

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



013E8A



762706



005030

# Complementary

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



013E8A



8A4D01

# 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



013E8A



5D3A00

# Square

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



013E8A



82102D



3C4600



005157

# Rectangle

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



013E8A



741A5F



3C4600



004F22



# Sweetspot

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



013E8A



7D95B3



018A4C



394759



D9D9D9



595959



# Same Dimension

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



013E8A



004FB3



08018A



3E4145



003B85



000205



# Inverse Universe

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



8A013E



B3004F



838A01



453E41



85003B



050002



# Previews

## White Background



This preview shows how the Hex color 013E8A looks on a white background.

## Color Contrast Check

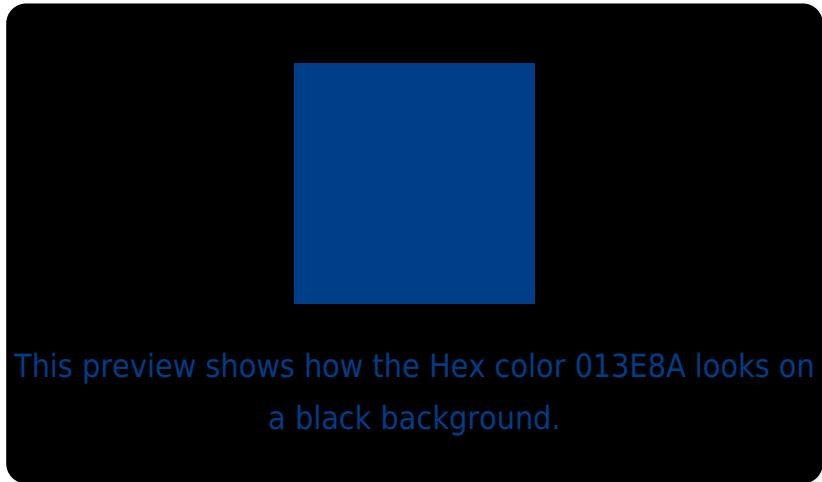
Large Text (above 18pt) WCAG AA ✓ Pass

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

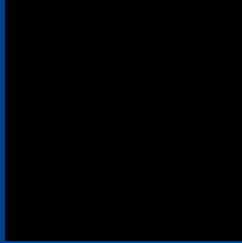
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 013E8A Background



This preview shows how black text looks on a background with the Hex color 013E8A.



This preview shows how white text looks on a background with the Hex color 013E8A.

# 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**

013E8A

**Protanopia**

003F86

**Deuteranopia**

004373



**Tritanopia**  
00494D

# Trichromacy



**Original Color**  
013E8A

**Protanomaly**  
003F87

**Deuteranomaly**  
00417B

**Tritanomaly**  
004563

# Monochromacy



**Original Color**  
013E8A

**Achromatopsia**  
343434

**Achromatomaly**  
213853

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 013E8A 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 #013E8A looks like.

```
.text, #text, p{  
    color:#013E8A  
}
```

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 #013E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013E8A
}
```

## Border

The CSS property to change the border of an element to Hex 013E8A 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
#013E8A }
```

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

```
.border{ border-color:#013E8A }
```

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

Here you see how a box with a 4 pixel #013E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013E8A; -webkit-box-shadow:4px 4px  
4px 4px #013E8A; box-shadow:4px 4px 4px  
4px #013E8A }
```

# Background

The CSS property to change the background color of an element to Hex 013E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013E8A }
```

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

```
.background{ background-color:#013E8A }
```

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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