

Converting Colors

Hex(0D3E82)

Have a look what the booklet for
Hex(0D3E82) contains.

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Color

Hex(0D3E82)

Conversions

Conversions Part 1

Format	Color
Hex	0D3E82
RGB	13, 62, 130
RGB Percent	5%, 24%, 51%
CMY	0.9490, 0.7569, 0.4902
CMYK	0.90, 0.52, 0.00, 0.49
HSL	215°, 82%, 28%
HSV	215°, 90%, 51%
XYZ	5.9179, 5.1425, 21.7998
YIQ	55.1010, -51.0320, 10.7600

Conversions

Conversions Part 2

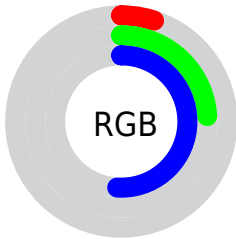
Format	Color
R_{YB}	13, 48, 130
Decimal	867970
CIE _{Lab}	27.14, 12.24, -42.63
CIE _{LCh}	27, 44.350, 286.018
Yxy	5.1425, 0.1801, 0.1565
Android (android.graphics.Color)	4279058050 (0xFF0D3E82)
YUV	55.1010, 36.9252, -36.9226
Hunter-Lab	22.6771, 6.8968, -41.1222

Details

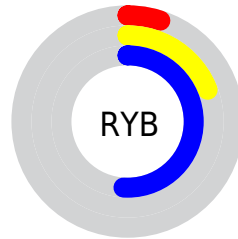
The Hex color **0D3E82** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **82510D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **516DB8**, and **001550** is the 20% darker color. If you saturate the color by 10%, you get **003682**, and if you desaturate by 10%, it is **1A4682**.

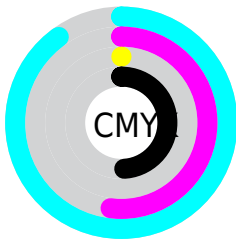
Distribution



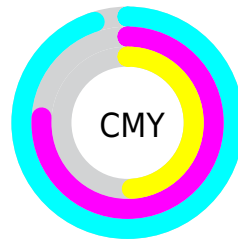
- Red (5%)
- Green (24%)
- Blue (51%)



- Red (5%)
- Yellow (19%)
- Blue (51%)



- Cyan (90%)
- Magenta (52%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3E82 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 0D3E82 by changing the saturation by 10% instead.



0D3E82



0D3E82

FFFFFF



002968



516DB8



001550



6D86D3



000538



89A0F0



000222



A6BBFF



000008



C2D7FF



000000



DFF3FF



FDFFFF



0D3E82



0D3E82

■ 003682

■ 1A4682

■ 274D82

■ 345582

■ 415C82

■ 4E6482

■ 5B6B82

■ 687382

■ 757A82

■ 828282

Harmonies

Analogous

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



004982



0D3E82



582E70

Triad

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



0D3E82



71290F



004E2E

Complementary

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



0D3E82



82510D

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.



104B0A



0D3E82



5C3900

Square

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



0D3E82



7B1930



3E4400



004F52

Rectangle

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



0D3E82



6D215C



3E4400



004D23

Sweetspot

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



0D3E82



7B8EA8



0D824F



394454



D4D4D4



545454

Same Dimension

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



0D3E82



0046A8



150D82



393C40



003580



000000

Inverse Universe

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



820D3E



A80046



7A820D



40393C



800035



000000

Previews

White Background



This preview shows how the Hex color 0D3E82 looks on a white background.

Color Contrast Check

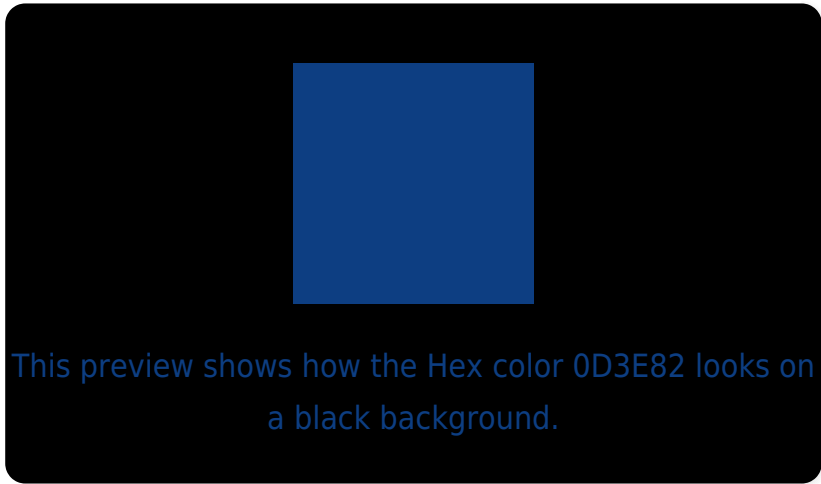
Large Text (above 18pt) WCAG AA ✓ Pass

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

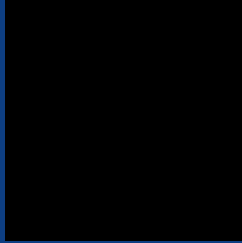
Any Text WCAG AA × Fail

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 0D3E82 Background



This preview shows how black text looks on a background with the Hex color 0D3E82.



This preview shows how white text looks on a background with the Hex color 0D3E82.

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

0D3E82

Protanopia

0F3E82

Deuteranopia

004272



Tritanopia
00474C

Trichromacy



Original Color
0D3E82

Protanomaly
0E3E82

Deuteranomaly
054178

Tritanomaly
054460

Monochromacy



Original Color
0D3E82

Achromatopsia
373737

Achromatomaly
283A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3E82 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 #0D3E82 looks like.

```
.text, #text, p{  
    color:#0D3E82  
}
```

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 #0D3E82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3E82
}
```

Border

The CSS property to change the border of an element to Hex 0D3E82 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".

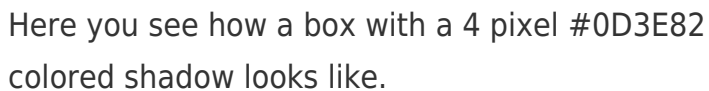
```
.border, #border, table{ border:4px solid
#0D3E82 }
```

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

```
.border{ border-color:#0D3E82 }
```

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

Here you see how a box with a 4 pixel #0D3E82 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3E82; -webkit-box-shadow:4px 4px  
4px 4px #0D3E82; box-shadow:4px 4px 4px  
4px #0D3E82 }
```

Background

The CSS property to change the background color of an element to Hex 0D3E82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3E82 }
```

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

```
.background{ background-color:#0D3E82 }
```

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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