

Converting Colors

Hex(0E297D)

Have a look what the booklet for
Hex(0E297D) contains.

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Color

Hex(0E297D)

Conversions

Conversions Part 1

Format	Color
Hex	0E297D
RGB	14, 41, 125
RGB Percent	5%, 16%, 49%
CMY	0.9451, 0.8392, 0.5098
CMYK	0.89, 0.67, 0.00, 0.51
HSL	225°, 80%, 27%
HSV	225°, 89%, 49%
XYZ	4.6757, 3.1599, 19.7655
YIQ	42.5030, -43.0560, 20.4000

Conversions

Conversions Part 2

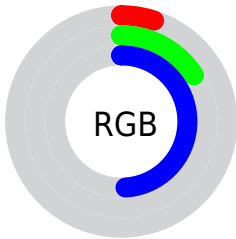
Format	Color
R_{YB}	14, 36, 125
Decimal	928125
CIE _{Lab}	20.67, 25.13, -50.01
CIE _{LCh}	21, 55.973, 296.679
Yxy	3.1599, 0.1694, 0.1145
Android (android.graphics.Color)	4279118205 (0xFF0E297D)
YUV	42.5030, 40.6710, -24.9971
Hunter-Lab	17.7761, 15.8432, -53.4821

Details

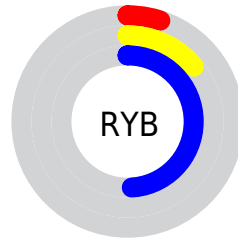
The Hex color **0E297D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7D620E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5256B3**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **02207D**, and if you desaturate by 10%, it is **1B327D**.

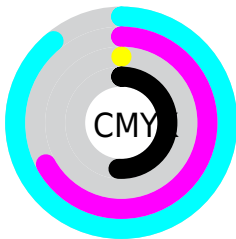
Distribution



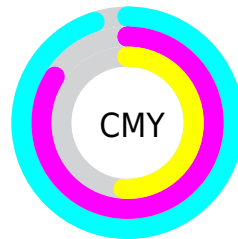
- Red (5%)
- Green (16%)
- Blue (49%)



- Red (5%)
- Yellow (14%)
- Blue (49%)



- Cyan (89%)
- Magenta (67%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (84%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0E297D 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 0E297D by changing the saturation by 10% instead.

■ 0E297D

■ 0E297D

FFFFFF

■ 001563

■ 5256B3

■ 00004B

■ 6E6ECE

■ 000433

■ 8A88EB

■ 00021D

■ A6A2FF

■ 000000

■ C3BDFF

■ E0D9FF

■ FEF5FF

■ 0E297D

■ 0E297D

■ 02207D

■ 1B327D

■ 001E7D

■ 273C7D

■ 34457D

■ 404F7D

■ 4D587D

■ 59627D

■ 666B7D

■ 72757D

■ 7E7E7D

Harmonies

Analogous

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



003986



0E297D



5C0260

Triad

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



0E297D



601900



00412C

Complementary

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



0E297D



7D620E

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.



003F00



0E297D



422F00

Square

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



0E297D



720010



183A00



004256

Rectangle

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



0E297D



6F0046



183A00



00401D

Sweetspot

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



0E297D



7782A3



0E7D61



373E52



D1D1D1



525252

Same Dimension

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



0E297D



0028A3



2A0E7D



393B40



001F80



000000

Inverse Universe

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



7D0E29



A30028



617D0E



40393B



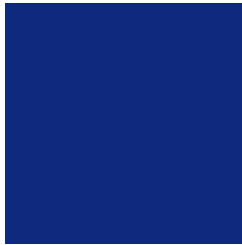
80001F



000000

Previews

White Background



This preview shows how the Hex color 0E297D looks on a white background.

Color Contrast Check

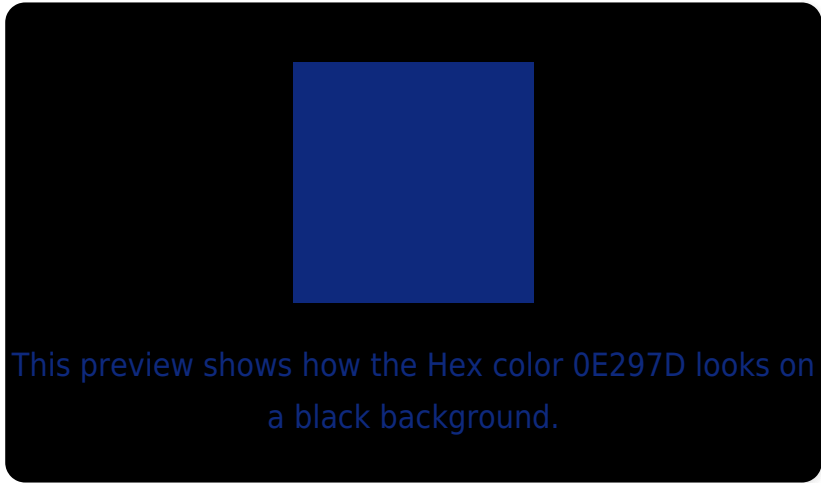
Large Text (above 18pt) WCAG AA ✓ Pass

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

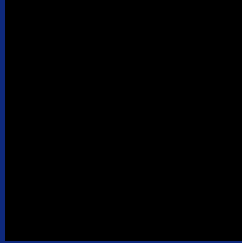
Any Text WCAG AA × Fail

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 0E297D Background



This preview shows how black text looks on a background with the Hex color 0E297D.



This preview shows how white text looks on a background with the Hex color 0E297D.

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
0E297D

Protanopia
003066

Deuteranopia
003457



Tritanopia
00383B

Trichromacy



Original Color
0E297D

Protanomaly
052D6E

Deuteranomaly
053065

Tritanomaly
053353

Monochromacy



Original Color
0E297D

Achromatopsia
2B2B2B

Achromatomaly
202A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 0E297D 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 #0E297D looks like.

```
.text, #text, p{  
    color:#0E297D  
}
```

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 #0E297D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E297D
}
```

Border

The CSS property to change the border of an element to Hex 0E297D 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
#0E297D }
```

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

```
.border{ border-color:#0E297D }
```

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

Here you see how a box with a 4 pixel #0E297D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E297D; -webkit-box-shadow:4px 4px  
4px 4px #0E297D; box-shadow:4px 4px 4px  
4px #0E297D }
```

Background

The CSS property to change the background color of an element to Hex 0E297D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E297D }
```

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

```
.background{ background-color:#0E297D }
```

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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