

# Converting Colors

Hex(0A2787)

Have a look what the booklet for  
Hex(0A2787) contains.

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# Color

**Hex(0A2787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A2787
RGB	10, 39, 135
RGB Percent	4%, 15%, 53%
CMY	0.9608, 0.8471, 0.4706
CMYK	0.93, 0.71, 0.00, 0.47
HSL	226°, 86%, 28%
HSV	226°, 93%, 53%
XYZ	5.2239, 3.2648, 23.2765
YIQ	41.2730, -48.1000, 23.7080

# Conversions

## Conversions Part 2

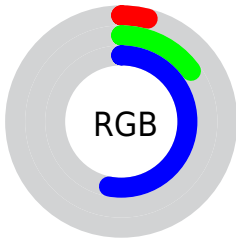
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 34, 135
Decimal	665479
CIE <sub>Lab</sub>	21.07, 30.30, -55.66
CIE <sub>LCh</sub>	21, 63.376, 298.559
Yxy	3.2648, 0.1645, 0.1028
Android (android.graphics.Color)	4278855559 (0xFF0A2787)
YUV	41.2730, 46.2074, -27.4264
Hunter-Lab	18.0689, 19.9854, -63.7299

# Details

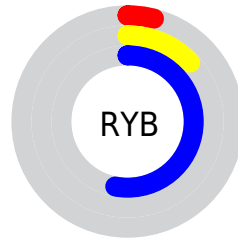
The Hex color **0A2787** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **876A0A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **5454BD**, and **000054** is the 20% darker color. If you saturate the color by 10%, you get **001F87**, and if you desaturate by 10%, it is **173187**.

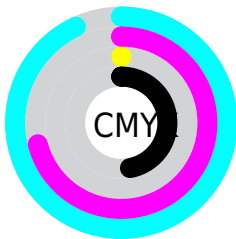
# Distribution



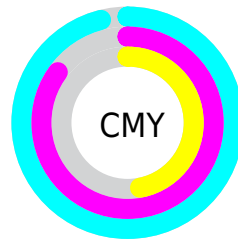
- Red (4%)
- Green (15%)
- Blue (53%)



- Red (4%)
- Yellow (13%)
- Blue (53%)



- Cyan (93%)
- Magenta (71%)
- Yellow (0%)
- Black (47%)



- Cyan (96%)
- Magenta (85%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A2787 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 0A2787 by changing the saturation by 10% instead.



■ 0A2787

■ 0A2787

FFFFFF

■ 00136D

■ 5454BD

■ 000054

■ 716CDA

■ 00063C

■ 8D86F6

■ 000225

■ AAA0FF

■ 00010E

■ C7BBFF

■ 000000

■ E5D7FF

■ FFF3FF

■ 0A2787

■ 0A2787

■ 001F87

■ 173187

■ 253C87

■ 324687

■ 405087

■ 4E5B87

■ 5B6587

■ 697087

■ 767A87

■ 848487

# Harmonies

## Analogous

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



003B93



0A2787



650064

# Triad

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



0A2787



641700



00432F

# Complementary

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



0A2787



876A0A

# 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.



004100



0A2787



413100

# Square

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



0A2787



7A0007



0B3C00



00445F

# Rectangle

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



0A2787



780047



0B3C00



00421E



# Sweetspot

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



0A2787



7F8AB0



0A876A



3B4259



D9D9D9



595959



# Same Dimension

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



0A2787



0029B0



2B0A87



3C3D42



001E82



000103



# Inverse Universe

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



870A27



B00029



66870A



423C3D



82001E

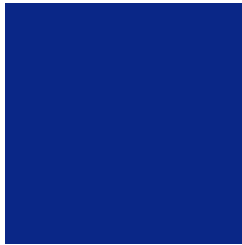


030001



# Previews

## White Background



This preview shows how the Hex color 0A2787 looks on a white background.

## Color Contrast Check

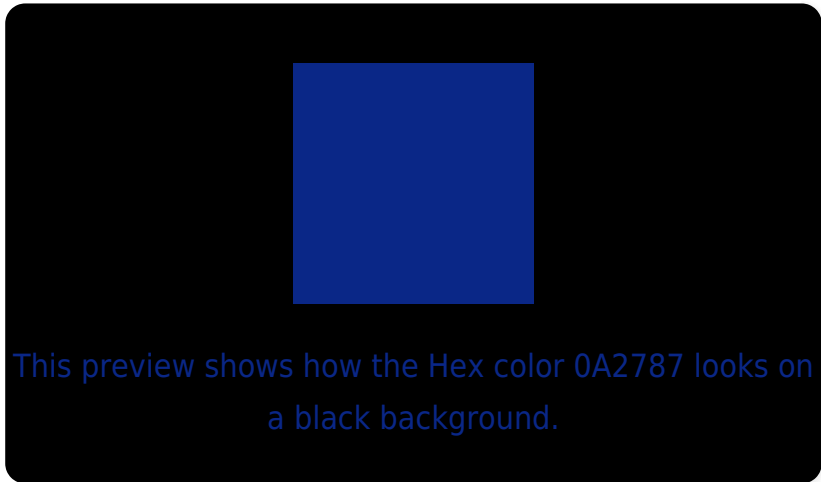
Large Text (above 18pt) WCAG AA ✓ Pass

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

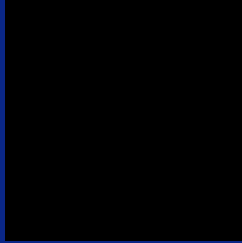
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0A2787 Background



This preview shows how black text looks on a background with the Hex color 0A2787.



This preview shows how white text looks on a background with the Hex color 0A2787.

# 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**


0A2787

**Protanopia**

003168

**Deuteranopia**

003559



**Tritanopia**  
00393C

# Trichromacy



**Original Color**  
0A2787

**Protanomaly**  
042D73

**Deuteranomaly**  
04306A

**Tritanomaly**  
043257

# Monochromacy



**Original Color**  
0A2787

**Achromatopsia**  
292929

**Achromatomaly**  
1E284B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A2787 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 #0A2787 looks like.

```
.text, #text, p{  
    color:#0A2787  
}
```

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 #0A2787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2787
}
```

## Border

The CSS property to change the border of an element to Hex 0A2787 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
#0A2787 }
```

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

```
.border{ border-color:#0A2787 }
```

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

Here you see how a box with a 4 pixel #0A2787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2787; -webkit-box-shadow:4px 4px  
4px 4px #0A2787; box-shadow:4px 4px 4px  
4px #0A2787 }
```

# Background

The CSS property to change the background color of an element to Hex 0A2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2787 }
```

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

```
.background{ background-color:#0A2787 }
```

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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