

Converting Colors

Hex(0A2A90)

Have a look what the booklet for
Hex(0A2A90) contains.

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Color

Hex(0A2A90)

Conversions

Conversions Part 1

Format	Color
Hex	0A2A90
RGB	10, 42, 144
RGB Percent	4%, 16%, 56%
CMY	0.9608, 0.8353, 0.4353
CMYK	0.93, 0.71, 0.00, 0.44
HSL	226°, 87%, 30%
HSV	226°, 93%, 56%
XYZ	5.9872, 3.7341, 26.7907
YIQ	44.0600, -51.8140, 24.9380

Conversions

Conversions Part 2

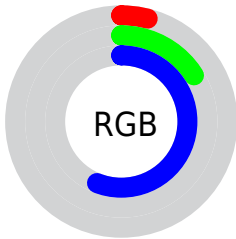
Format	Color
RYB	10, 36, 144
Decimal	666256
CIELab	22.77, 31.82, -58.48
CIElCh	23, 66.575, 298.555
Yxy	3.7341, 0.1640, 0.1023
Android (android.graphics.Color)	4278856336 (0xFF0A2A90)
YUV	44.0600, 49.2704, -29.8706
Hunter-Lab	19.3238, 21.4890, -68.6739

Details

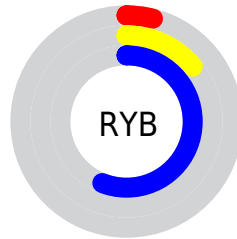
The Hex color **0A2A90** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **90700A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5757C7**, and **00005C** is the 20% darker color. If you saturate the color by 10%, you get **002290**, and if you desaturate by 10%, it is **183590**.

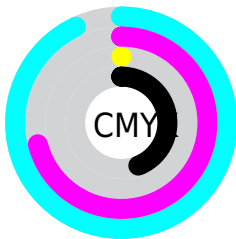
Distribution



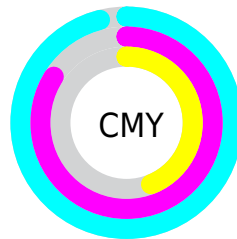
- Red (4%)
- Green (16%)
- Blue (56%)



- Red (4%)
- Yellow (14%)
- Blue (56%)



- Cyan (93%)
- Magenta (71%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (84%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A2A90 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 0A2A90 by changing the saturation by 10% instead.

■ 0A2A90

■ 0A2A90

FFFFFF

■ 001676

■ 5757C7

■ 00005C

■ 7470E3

■ 000744

■ 9189FF

■ 00032D

■ AEA4FF

■ 000117

■ CBBFFF

■ 000000

■ E9DBFF

■ FFF7FF

■ 0A2A90

■ 0A2A90

■ 002290

■ 183590

■ 274090

■ 354B90

■ 445690

■ 526190

■ 606C90

■ 6F7790

■ 7D8290

■ 8C8D90

Harmonies

Analogous

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



003F9D



0A2A90



6B006B

Triad

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



0A2A90



6A1900



004833

Complementary

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



0A2A90



90700A

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.



004500



0A2A90



463400

Square

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



0A2A90



820009



0C4000



004965

Rectangle

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



0A2A90



80004C



0C4000



004721

Sweetspot

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



0A2A90



8692BA



0A906F



3E465E



DEDEDE



5E5E5E

Same Dimension

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



0A2A90



002CBA



2B0A90



404247



002087



000208

Inverse Universe

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



900A2A



BA002C



6F900A



474042



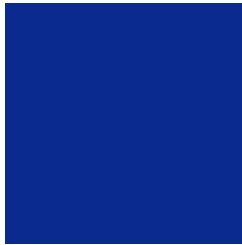
870020



080002

Previews

White Background



This preview shows how the Hex color 0A2A90 looks on a white background.

Color Contrast Check

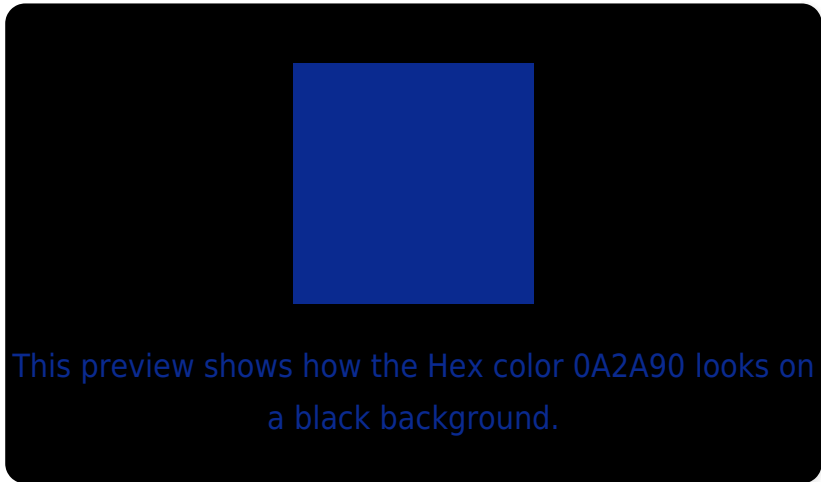
Large Text (above 18pt) WCAG AA ✓ Pass

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

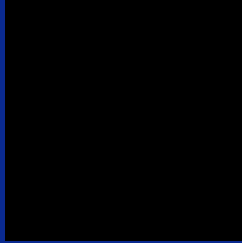
Any Text WCAG AA × Fail

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 0A2A90 Background



This preview shows how black text looks on a background with the Hex color 0A2A90.



This preview shows how white text looks on a background with the Hex color 0A2A90.

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
0A2A90

Protanopia
003570

Deuteranopia
00395F



Tritanopia
003D40

Trichromacy



Original Color
0A2A90

Protanomaly
04317C

Deuteranomaly
043471

Tritanomaly
04365D

Monochromacy



Original Color
0A2A90

Achromatopsia
2C2C2C

Achromatomaly
202B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A2A90 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 #0A2A90 looks like.

```
.text, #text, p{  
    color:#0A2A90  
}
```

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 #0A2A90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A2A90
}
```

Border

The CSS property to change the border of an element to Hex 0A2A90 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
#0A2A90 }
```

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

```
.border{ border-color:#0A2A90 }
```

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

Here you see how a box with a 4 pixel #0A2A90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A2A90; -webkit-box-shadow:4px 4px  
4px 4px #0A2A90; box-shadow:4px 4px 4px  
4px #0A2A90 }
```

Background

The CSS property to change the background color of an element to Hex 0A2A90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A2A90 }
```

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

```
.background{ background-color:#0A2A90 }
```

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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