

Converting Colors

Hex(0A288A)

Have a look what the booklet for
Hex(0A288A) contains.

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Color

Hex(0A288A)

Conversions

Conversions Part 1

Format	Color
Hex	0A288A
RGB	10, 40, 138
RGB Percent	4%, 16%, 54%
CMY	0.9608, 0.8431, 0.4588
CMYK	0.93, 0.71, 0.00, 0.46
HSL	226°, 86%, 29%
HSV	226°, 93%, 54%
XYZ	5.4714, 3.4171, 24.4159
YIQ	42.2020, -49.3380, 24.1180

Conversions

Conversions Part 2

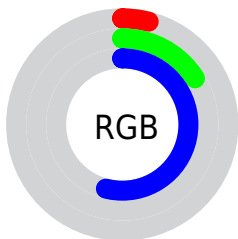
Format	Color
R_{YB}	10, 34, 138
Decimal	665738
CIE _{Lab}	21.64, 30.81, -56.61
CIE _{LCh}	22, 64.447, 298.557
Yxy	3.4171, 0.1643, 0.1026
Android (android.graphics.Color)	4278855818 (0xFF0A288A)
YUV	42.2020, 47.2284, -28.2412
Hunter-Lab	18.4854, 20.4841, -65.3719

Details

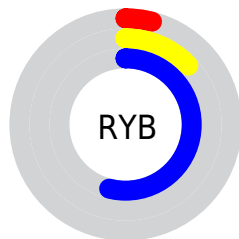
The Hex color **0A288A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8A6C0A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5555C1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **00208A**, and if you desaturate by 10%, it is **18338A**.

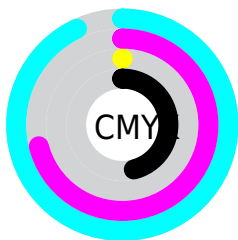
Distribution



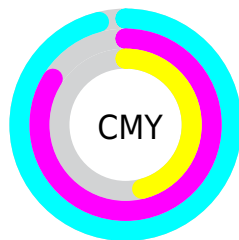
- Red (4%)
- Green (16%)
- Blue (54%)



- Red (4%)
- Yellow (13%)
- Blue (54%)



- Cyan (93%)
- Magenta (71%)
- Yellow (0%)
- Black (46%)



- Cyan (96%)
- Magenta (84%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A288A 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 0A288A by changing the saturation by 10% instead.



0A288A



0A288A

FFFFFF



001470



5555C1



000057



726EDD



00063E



8F87FA



000328



ABA1FF



000111



C9BCFF



000000



E6D8FF



FFF4FF



0A288A



0A288A

■ 00208A

■ 18338A

■ 263D8A

■ 33488A

■ 41528A

■ 4F5D8A

■ 5D678A

■ 6B728A

■ 787D8A

■ 86878A

Harmonies

Analogous

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



003C96



0A288A



670067

Triad

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



0A288A



661700



004530

Complementary

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



0A288A



8A6C0A

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.



004200



0A288A



433200

Square

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



0A288A



7D0008



0B3D00



004561

Rectangle

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



0A288A



7B0048



0B3D00



00441F

Sweetspot

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



0A288A



818CB3



0A8A6A



3B4259



D9D9D9



595959

Same Dimension

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



0A288A



002AB3



2A0A8A



3E4045



001F85



000105

Inverse Universe

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



8A0A28



B3002A



6A8A0A



453E40



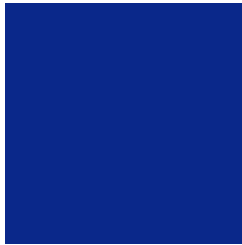
85001F



050001

Previews

White Background



This preview shows how the Hex color 0A288A looks on a white background.

Color Contrast Check

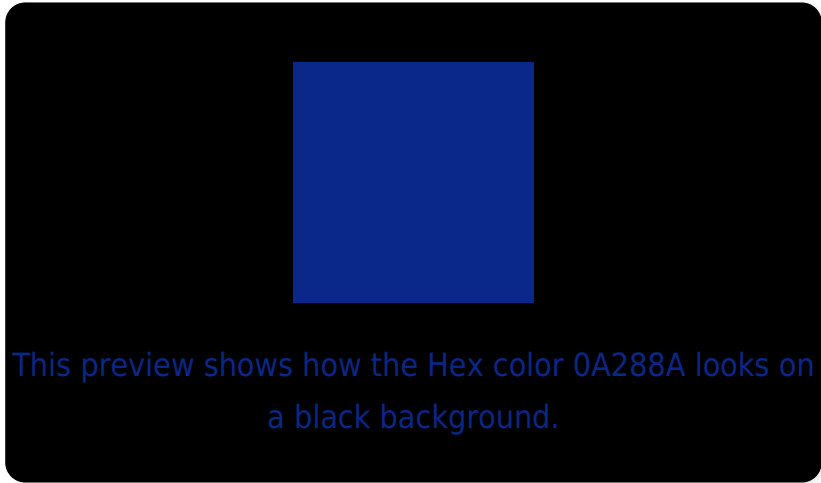
Large Text (above 18pt) WCAG AA ✓ Pass

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

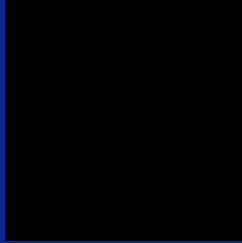
Any Text WCAG AA × Fail

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 0A288A Background



This preview shows how black text looks on a background with the Hex color 0A288A.



This preview shows how white text looks on a background with the Hex color 0A288A.

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
0A288A

Protanopia
00336B

Deuteranopia
00365B



Tritanopia
003A3D

Trichromacy



Original Color
0A288A

Protanomaly
042F76

Deuteranomaly
04316C

Tritanomaly
043359

Monochromacy



Original Color
0A288A

Achromatopsia
2A2A2A

Achromatomaly
1E294D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A288A 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 #0A288A looks like.

```
.text, #text, p{  
    color:#0A288A  
}
```

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 #0A288A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A288A
}
```

Border

The CSS property to change the border of an element to Hex 0A288A 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
#0A288A }
```

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

```
.border{ border-color:#0A288A }
```

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

Here you see how a box with a 4 pixel #0A288A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A288A; -webkit-box-shadow:4px 4px  
4px 4px #0A288A; box-shadow:4px 4px 4px  
4px #0A288A }
```

Background

The CSS property to change the background color of an element to Hex 0A288A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A288A }
```

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

```
.background{ background-color:#0A288A }
```

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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