

Converting Colors

Hex(0A308B)

Have a look what the booklet for
Hex(0A308B) contains.

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Color

Hex(0A308B)

Conversions

Conversions Part 1

Format	Color
Hex	0A308B
RGB	10, 48, 139
RGB Percent	4%, 19%, 55%
CMY	0.9608, 0.8118, 0.4549
CMYK	0.93, 0.65, 0.00, 0.45
HSL	222°, 87%, 29%
HSV	222°, 93%, 55%
XYZ	5.8423, 4.0425, 24.8985
YIQ	47.0120, -51.8590, 20.2450

Conversions

Conversions Part 2

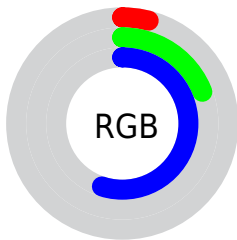
Format	Color
R_{YB}	10, 39, 139
Decimal	667787
CIE _{Lab}	23.81, 25.73, -53.66
CIE _{LCh}	24, 59.509, 295.613
Yxy	4.0425, 0.1680, 0.1162
Android (android.graphics.Color)	4278857867 (0xFF0A308B)
YUV	47.0120, 45.3501, -32.4595
Hunter-Lab	20.1060, 16.6823, -59.3481

Details

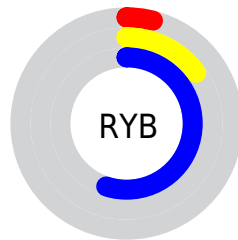
The Hex color **0A308B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8B650A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **545EC1**, and **000558** is the 20% darker color. If you saturate the color by 10%, you get **00298B**, and if you desaturate by 10%, it is **183A8B**.

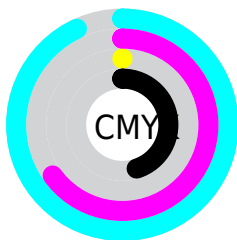
Distribution



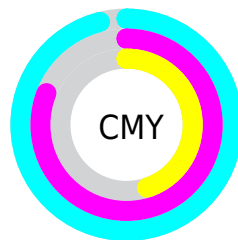
- Red (4%)
- Green (19%)
- Blue (55%)



- Red (4%)
- Yellow (15%)
- Blue (55%)



- Cyan (93%)
- Magenta (65%)
- Yellow (0%)
- Black (45%)



- Cyan (96%)
- Magenta (81%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A308B 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 0A308B by changing the saturation by 10% instead.



0A308B



0A308B

FFFFFF



001C71



545EC1



000558



7176DE



000740



8E90FB



000329



ABAAFF



000113



C8C6FF



000000



E5E1FF



FFFEFF



0A308B



0A308B

■ 00298B

■ 183A8B

■ 26448B

■ 344D8B

■ 42578B

■ 4F618B

■ 5D6B8B

■ 6B758B

■ 797E8B

■ 87888B

Harmonies

Analogous

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



004194



0A308B



65096C

Triad

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



0A308B



6C1D00



004931

Complementary

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



0A308B



8B650A

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.



004700



0A308B



4C3500

Square

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



0A308B



800016



204100



004A5F

Rectangle

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



0A308B



7A0050



204100



004921

Sweetspot

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



0A308B



8291B5



0A8B64



3D465C



DBDBDB



5C5C5C

Same Dimension

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



0A308B



0035B5



240A8B



3E4045



002785



000205

Inverse Universe

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



8B0A30



B50035



718B0A



453E40



850027



050002

Previews

White Background



This preview shows how the Hex color 0A308B looks on a white background.

Color Contrast Check

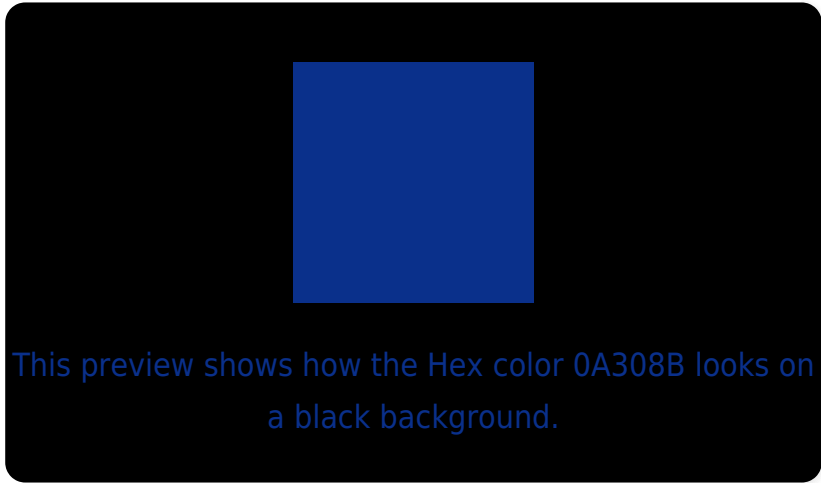
Large Text (above 18pt) WCAG AA ✓ Pass

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

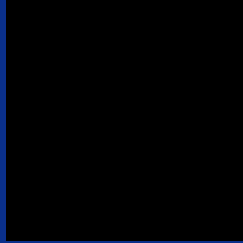
Any Text WCAG AA × Fail

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 0A308B Background



This preview shows how black text looks on a background with the Hex color 0A308B.



This preview shows how white text looks on a background with the Hex color 0A308B.

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
0A308B

Protanopia
003774

Deuteranopia
003B63



Tritanopia
003F43

Trichromacy



Original Color

0A308B

Protanomaly

04347C

Deuteranomaly

043772

Tritanomaly

043A5D

Monochromacy



Original Color

0A308B

Achromatopsia

2F2F2F

Achromatomaly

222F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A308B 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 #0A308B looks like.

```
.text, #text, p{  
    color:#0A308B  
}
```

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 #0A308B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A308B
}
```

Border

The CSS property to change the border of an element to Hex 0A308B 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
#0A308B }
```

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

```
.border{ border-color:#0A308B }
```

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

Here you see how a box with a 4 pixel #0A308B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A308B; -webkit-box-shadow:4px 4px  
4px 4px #0A308B; box-shadow:4px 4px 4px  
4px #0A308B }
```

Background

The CSS property to change the background color of an element to Hex 0A308B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A308B }
```

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

```
.background{ background-color:#0A308B }
```

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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