

Converting Colors

Hex(1A3E8C)

Have a look what the booklet for
Hex(1A3E8C) contains.

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Color

Hex(1A3E8C)

Conversions

Conversions Part 1

Format	Color
Hex	1A3E8C
RGB	26, 62, 140
RGB Percent	10%, 24%, 55%
CMY	0.8980, 0.7569, 0.4510
CMYK	0.81, 0.56, 0.00, 0.45
HSL	221°, 69%, 33%
HSV	221°, 81%, 55%
XYZ	6.8823, 5.5583, 25.5211
YIQ	60.1280, -46.4940, 16.6260

Conversions

Conversions Part 2

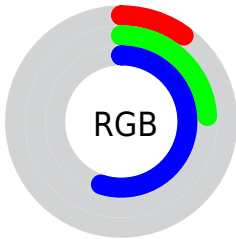
Format	Color
R_{YB}	26, 53, 140
Decimal	1719948
CIE _{Lab}	28.27, 17.58, -46.99
CIE _{LCh}	28, 50.169, 290.518
Yxy	5.5583, 0.1813, 0.1464
Android (android.graphics.Color)	4279910028 (0xFF1A3E8C)
YUV	60.1280, 39.3769, -29.9303
Hunter-Lab	23.5761, 10.8490, -47.6781

Details

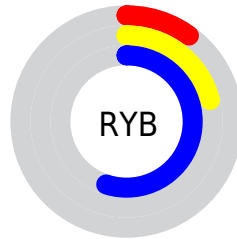
The Hex color **1A3E8C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8C681A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5A6DC2**, and **001559** is the 20% darker color. If you saturate the color by 10%, you get **0C348C**, and if you desaturate by 10%, it is **28488C**.

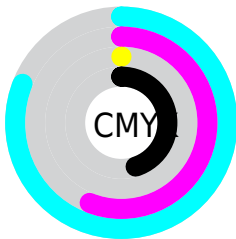
Distribution



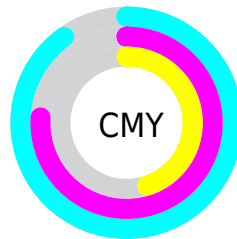
- Red (10%)
- Green (24%)
- Blue (55%)



- Red (10%)
- Yellow (21%)
- Blue (55%)



- Cyan (81%)
- Magenta (56%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (76%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3E8C 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 1A3E8C by changing the saturation by 10% instead.

■ 1A3E8C

■ 1A3E8C

FFFFFF

■ 002972

■ 5A6DC2

■ 001559

■ 7686DF

■ 000041

■ 92A0FB

■ 00032A

■ AFBBFF

■ 000114

■ CCD7FF

■ 000000

■ E9F3FF

■ 1A3E8C

■ 1A3E8C

■ 0C348C

■ 28488C

002C8C

36518C

445B8C

52648C

606E8C

6E778C

7C818C

8A8B8C

98948C

Harmonies

Analogous

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



004B90



1A3E8C



642974

Triad

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



1A3E8C



772A02



005235

Complementary

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



1A3E8C



8C681A

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.



004F09



1A3E8C



5D3D00

Square

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



1A3E8C



84132A



3A4900



00535D

Rectangle

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



1A3E8C



79185D



3A4900



005227

Sweetspot

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



1A3E8C



8A97B5



1A8C68



414A5C



DBDBDB



5C5C5C

Same Dimension

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



1A3E8C



043CB5



2F1A8C



3E4045



002A85



000205

Inverse Universe

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



8C1A3E



B5043C



778C1A



453E40



85002A



050002

Previews

White Background



This preview shows how the Hex color 1A3E8C looks on a white background.

Color Contrast Check

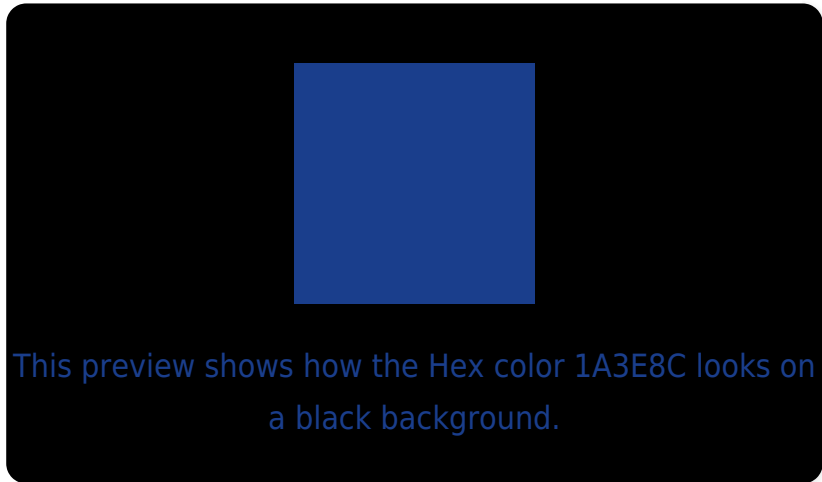
Large Text (above 18pt) WCAG AA ✓ Pass

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

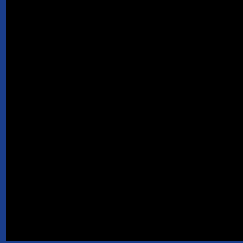
Any Text WCAG AA × Fail

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 1A3E8C Background



This preview shows how black text looks on a background with the Hex color 1A3E8C.



This preview shows how white text looks on a background with the Hex color 1A3E8C.

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
1A3E8C

Protanopia
004088

Deuteranopia
004476



Tritanopia
004A4F

Trichromacy



Original Color
1A3E8C

Protanomaly
093F89

Deuteranomaly
09427E

Tritanomaly
094665

Monochromacy



Original Color
1A3E8C

Achromatopsia
3C3C3C

Achromatomaly
303D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3E8C 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 #1A3E8C looks like.

```
.text, #text, p{  
    color:#1A3E8C  
}
```

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 #1A3E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3E8C
}
```

Border

The CSS property to change the border of an element to Hex 1A3E8C 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
#1A3E8C }
```

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

```
.border{ border-color:#1A3E8C }
```

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

Here you see how a box with a 4 pixel #1A3E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3E8C; -webkit-box-shadow:4px 4px  
4px 4px #1A3E8C; box-shadow:4px 4px 4px  
4px #1A3E8C }
```

Background

The CSS property to change the background color of an element to Hex 1A3E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3E8C }
```

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

```
.background{ background-color:#1A3E8C }
```

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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