

Converting Colors

Hex(1A3B8D)

Have a look what the booklet for
Hex(1A3B8D) contains.

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Color

Hex(1A3B8D)

Conversions

Conversions Part 1

Format	Color
Hex	1A3B8D
RGB	26, 59, 141
RGB Percent	10%, 23%, 55%
CMY	0.8980, 0.7686, 0.4471
CMYK	0.82, 0.58, 0.00, 0.45
HSL	223°, 69%, 33%
HSV	223°, 82%, 55%
XYZ	6.7977, 5.2706, 25.8584
YIQ	58.4810, -45.9900, 18.5060

Conversions

Conversions Part 2

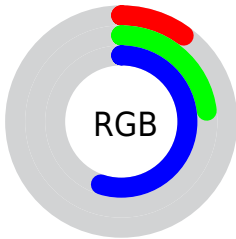
Format	Color
R_{YB}	26, 52, 141
Decimal	1719181
CIE _{Lab}	27.49, 20.08, -48.87
CIE _{LCh}	27, 52.831, 292.336
Yxy	5.2706, 0.1792, 0.1390
Android (android.graphics.Color)	4279909261 (0xFF1A3B8D)
YUV	58.4810, 40.6819, -28.4858
Hunter-Lab	22.9579, 12.6766, -50.7102

Details

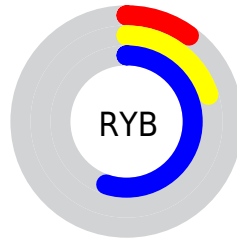
The Hex color **1A3B8D** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8D6C1A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5A6AC3**, and **00135A** is the 20% darker color. If you saturate the color by 10%, you get **0C318D**, and if you desaturate by 10%, it is **28458D**.

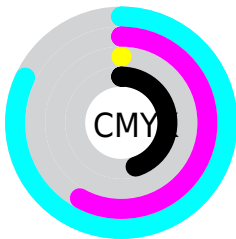
Distribution



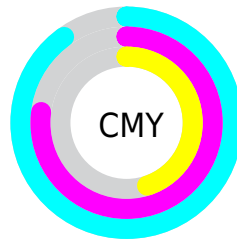
- Red (10%)
- Green (23%)
- Blue (55%)



- Red (10%)
- Yellow (20%)
- Blue (55%)



- Cyan (82%)
- Magenta (58%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (77%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A3B8D 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 1A3B8D by changing the saturation by 10% instead.

■ 1A3B8D

■ 1A3B8D

FFFFFF

■ 002673

■ 5A6AC3

■ 00135A

■ 7783E0

■ 000042

■ 939DFD

■ 00032B

■ B0B8FF

■ 000115

■ CDD3FF

■ 000000

■ EAEFFF

■ 1A3B8D

■ 1A3B8D

■ 0C318D

■ 28458D

■ 00288D

■ 364F8D

■ 44598D

■ 52638D

■ 616D8D

■ 6F778D

■ 7D818D

■ 8B8B8D

■ 99958D

Harmonies

Analogous

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



004992



1A3B8D



662373

Triad

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



1A3B8D



752800



005135

Complementary

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



1A3B8D



8D6C1A

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.



004E06



1A3B8D



593C00

Square

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



1A3B8D



850825



344800



00525F

Rectangle

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



1A3B8D



7B0D5A



344800



005026

Sweetspot

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



1A3B8D



8C98B8



1A8D6B



41495C



DBDBDB



5C5C5C

Same Dimension

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



1A3B8D



0437B8



311A8D



404247



002787



000208

Inverse Universe

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



8D1A3B



B80437



768D1A



474042



870027



080002

Previews

White Background



This preview shows how the Hex color 1A3B8D looks on a white background.

Color Contrast Check

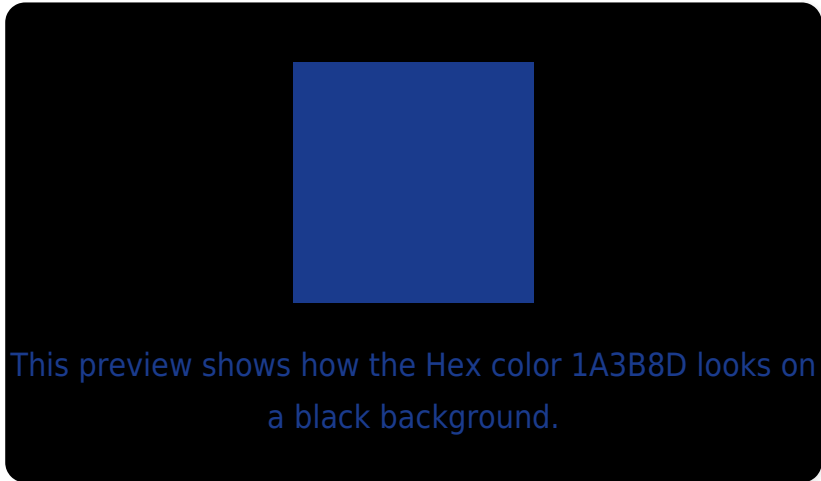
Large Text (above 18pt) WCAG AA ✓ Pass

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

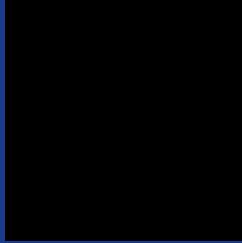
Any Text WCAG AA × Fail

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 1A3B8D Background



This preview shows how black text looks on a background with the Hex color 1A3B8D.



This preview shows how white text looks on a background with the Hex color 1A3B8D.

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
1A3B8D

Protanopia
003F85

Deuteranopia
004372



Tritanopia
00484D

Trichromacy



Original Color
1A3B8D

Protanomaly
093E88

Deuteranomaly
09407C

Tritanomaly
094364

Monochromacy



Original Color
1A3B8D

Achromatopsia
3A3A3A

Achromatomaly
2E3A58

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A3B8D 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 #1A3B8D looks like.

```
.text, #text, p{  
    color:#1A3B8D  
}
```

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 #1A3B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3B8D
}
```

Border

The CSS property to change the border of an element to Hex 1A3B8D 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
#1A3B8D }
```

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

```
.border{ border-color:#1A3B8D }
```

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

Here you see how a box with a 4 pixel #1A3B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3B8D; -webkit-box-shadow:4px 4px  
4px 4px #1A3B8D; box-shadow:4px 4px 4px  
4px #1A3B8D }
```

Background

The CSS property to change the background color of an element to Hex 1A3B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3B8D }
```

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

```
.background{ background-color:#1A3B8D }
```

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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